KSA 70th ANNIVERSARY
1956-2026
THE KOREAN SOCIETY OF ANESTHESIOLOGISTS

103RD

KOREANESTHESIA 2026

The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

NOV 5 (THU) - **NOV 7** (SAT)

PARADISE CITY & HYATT REGENCY, INCHEON, KOREA

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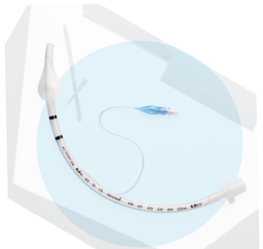
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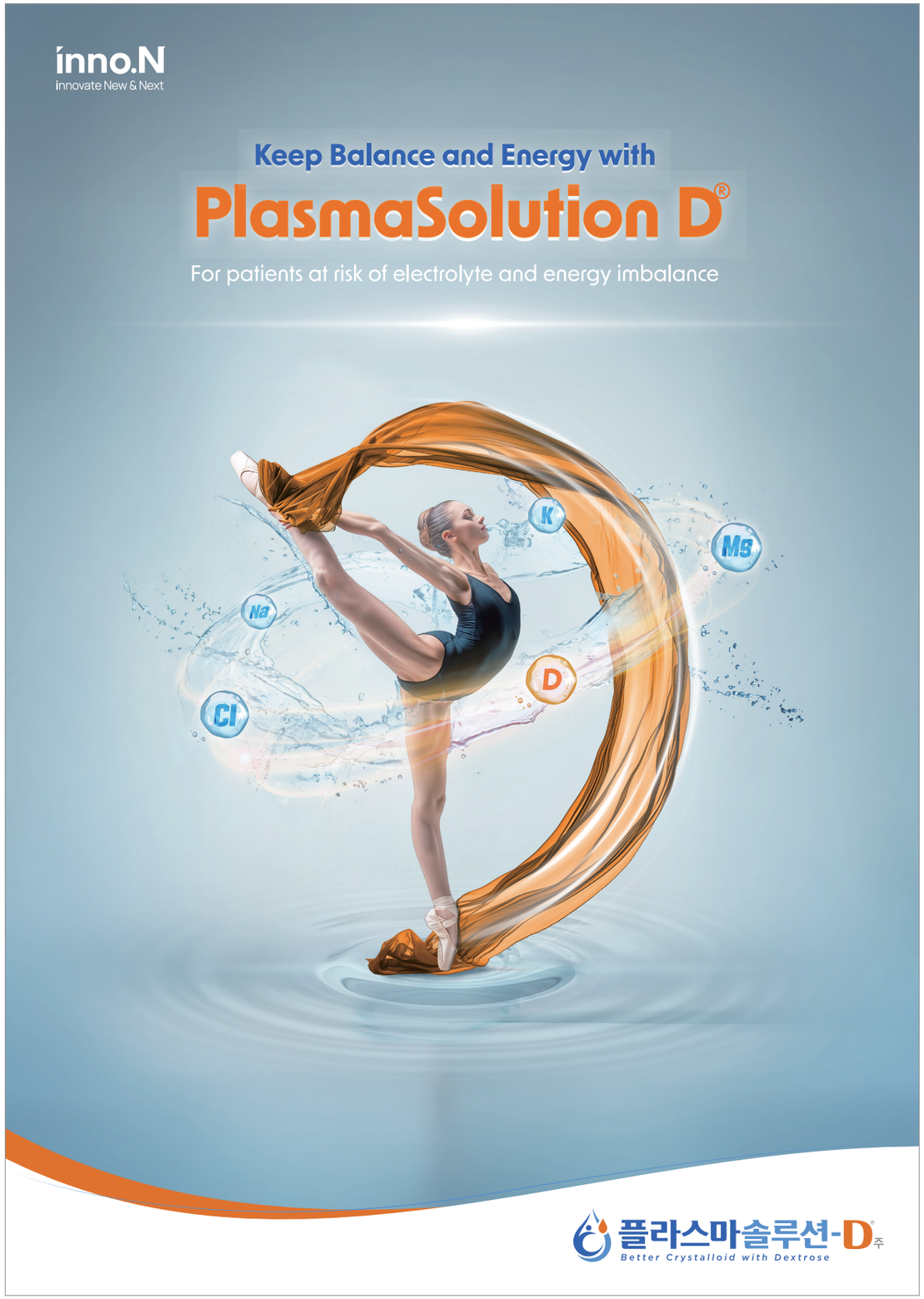
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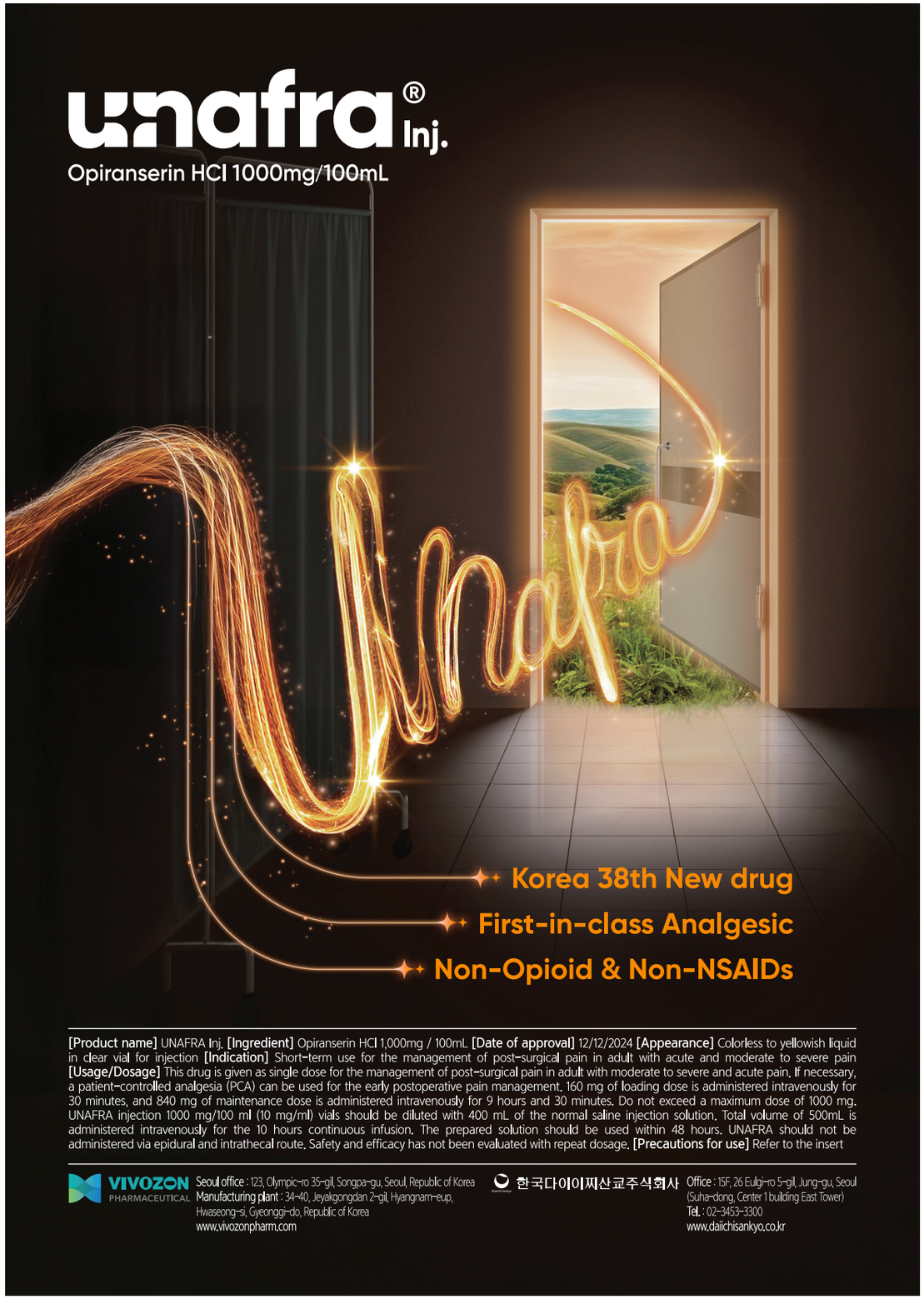
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VIVOZON PHARMACEUTICAL & DAIICHI SANKYO KOREA



[Product name] UNAFRA Inj. **[Ingredient]** Opiranserin HCl 1,000mg / 100mL **[Date of approval]** 12/12/2024 **[Appearance]** Colorless to yellowish liquid in clear vial for injection **[Indication]** Short-term use for the management of post-surgical pain in adult with acute and moderate to severe pain **[Usage/Dosage]** This drug is given as single dose for the management of post-surgical pain in adult with moderate to severe and acute pain. If necessary, a patient-controlled analgesia (PCA) can be used for the early postoperative pain management. 160 mg of loading dose is administered intravenously for 30 minutes, and 840 mg of maintenance dose is administered intravenously for 9 hours and 30 minutes. Do not exceed a maximum dose of 1000 mg. UNAFRA injection 1000 mg/100 ml (10 mg/ml) vials should be diluted with 400 mL of the normal saline injection solution. Total volume of 500mL is administered intravenously for the 10 hours continuous infusion. The prepared solution should be used within 48 hours. UNAFRA should not be administered via epidural and intrathecal route. Safety and efficacy has not been evaluated with repeat dosage. **[Precautions for use]** Refer to the insert

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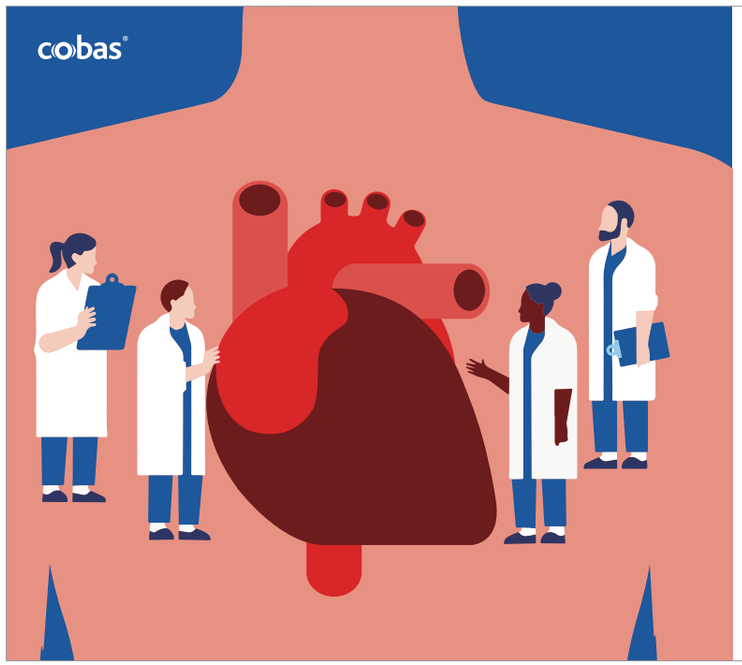
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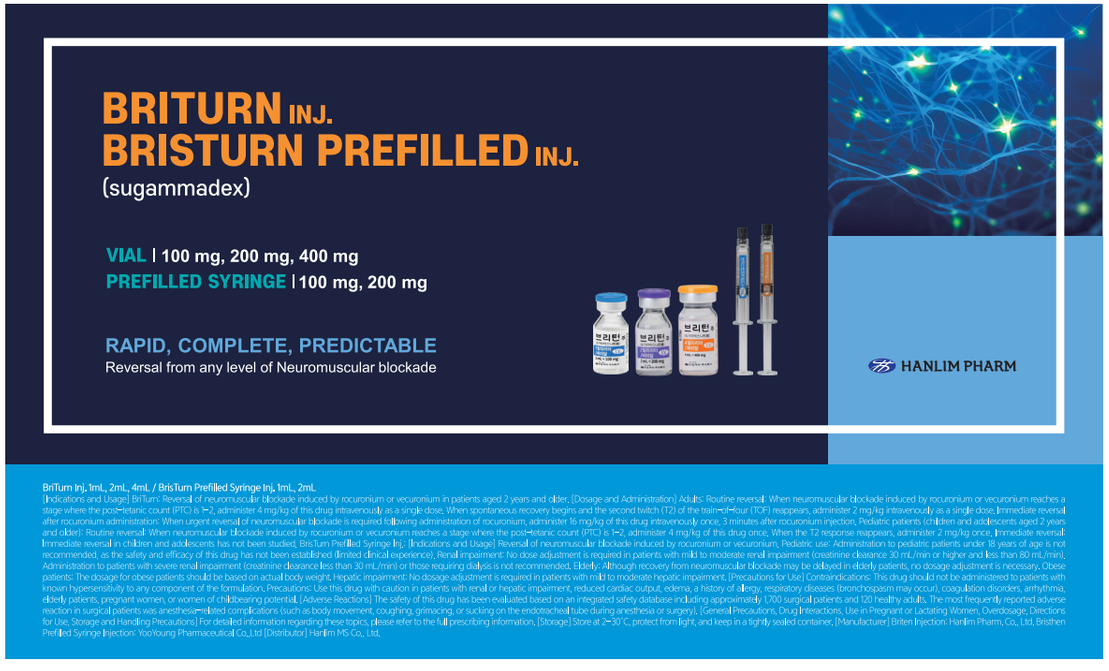
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BriTurn Inj. 1mL, 2mL, 4mL / BrisTurn Prefilled Syringe Inj. 1mL, 2mL

[Indications and Usage] BriTurn: Reversal of neuromuscular blockade induced by rocuronium or vecuronium in patients aged 2 years and older. [Dosage and Administration] Adults: Routine reversal: When neuromuscular blockade induced by rocuronium or vecuronium reaches a stage where the post-tetanic count (PTC) is 1–2, administer 4 mg/kg of this drug intravenously as a single dose. When spontaneous recovery begins and the second twitch (T2) of the train-of-four (TOF) reappears, administer 2 mg/kg intravenously as a single dose. Immediate reversal after rocuronium administration: When urgent reversal of neuromuscular blockade is required following administration of rocuronium, administer 16 mg/kg of this drug intravenously once. 3 minutes after rocuronium injection. Pediatric patients (children and adolescents aged 2 years and older): Routine reversal: When neuromuscular blockade induced by rocuronium or vecuronium reaches a stage where the post-tetanic count (PTC) is 1–2, administer 4 mg/kg of this drug once. When the T2 response reappears, administer 2 mg/kg once. Immediate reversal: Immediate reversal in children and adolescents has not been studied. BrisTurn Prefilled Syringe Inj.: [Indications and Usage] Reversal of neuromuscular blockade induced by rocuronium or vecuronium. Pediatric use: Administration to pediatric patients under 18 years of age is not recommended, as the safety and efficacy of this drug has not been established (limited clinical experience). Renal impairment: No dose adjustment is required in patients with mild to moderate renal impairment (creatinine clearance 30 mL/min or higher and less than 80 mL/min). Administration to patients with severe renal impairment (creatinine clearance less than 30 mL/min) or those requiring dialysis is not recommended. Elderly: Although recovery from neuromuscular blockade may be delayed in elderly patients, no dosage adjustment is necessary. Obese patients: The dosage for obese patients should be based on actual body weight. Hepatic impairment: No dosage adjustment is required in patients with mild to moderate hepatic impairment. [Precautions for Use] Contraindications: This drug should not be administered to patients with known hypersensitivity to any component of the formulation. Precautions: Use this drug with caution in patients with renal or hepatic impairment, reduced cardiac output, edema, a history of allergy, respiratory diseases (bronchospasm may occur), coagulation disorders, arrhythmia, elderly patients, pregnant women, or women of childbearing potential. [Adverse Reactions] The safety of this drug has been evaluated based on an integrated safety database including approximately 1,700 surgical patients and 120 healthy adults. The most frequently reported adverse reaction in surgical patients was anesthesia-related complications (such as body movement, coughing, grimacing, or sucking on the endotracheal tube during anesthesia or surgery). [General Precautions, Drug Interactions, Use in Pregnant or Lactating Women, Overdosage, Directions for Use, Storage and Handling Precautions] For detailed information regarding these topics, please refer to the full prescribing information. [Storage] Store at 2–30°C, protect from light, and keep in a tightly sealed container. [Manufacturer] Briten Injection: Hanlim Pharm. Co., Ltd. Bristhen Prefilled Syringe Injection: YooYoung Pharmaceutical Co.,Ltd [Distributor] Hanlim MS Co., Ltd.

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* Based on time-adjusted SPID4, calculated from VAS pain intensity scores recorded up until the time of consumption of the first dose of rescue.[1] ** Based on the total oral Morphine Milligram Equivalent (MME) dose of all rescue medication over the full 48 hour study period.[1] *** According to VAS pain intensity, Pain Intensity Differences and Pain Relief scores. Dosed as one vial every 6 hours over 48 hour period.[1]

References : 1. Daniels, S.E, Playne, R., Stanescu, I., Zhang, J., Gottlieb, J.I, Atkinson, H.C. (2019). Efficacy and safety of an intravenous acetaminophen/ibuprofen fixed-dose combination after bunionectomy: A randomized, double-blind, factorial, placebo-controlled trial. Clinical Therapeutics https://doi. org/10.1016/j.clinthera. 2019.07.008 . Research sponsored by AFT Pharmaceuticals.

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WELCOME MESSAGE



Distinguished Guests, Esteemed Colleagues, and Friends,

It is a profound honor to welcome you to **KoreAnesthesia 2026**, held at Paradise City and Hyatt Regency Incheon Paradise City. This year's congress holds extraordinary historical significance as we gather to celebrate the **70th Anniversary of the Korean Society of Anesthesiologists (KSA)**. Since our founding in 1956, the KSA has been a cornerstone of medical progress in Korea, and this milestone serves as a majestic bridge between our storied legacy and a limitless future.

This year's slogan, "Smart Anesthesia, Safer Tomorrow," encapsulates the vision of our congress.

"Smart" represents the integration of artificial intelligence, data-driven decision-making, cutting-edge technology, and deep clinical insight. "Safer" reflects our unwavering commitment to enhancing patient safety and improving the quality of care. "Tomorrow" signifies our dedication to future-oriented advancement and global collaboration.

Seven Decades of Excellence: Integrating Insight and Innovation

As we reflect on seventy years of dedication, our vision for the future remains steadfast. The theme of this year's meeting centers on the synergy between **data-driven decision-making, cutting-edge technology, and profound clinical insight**.

In an era of rapid digital transformation, we continue to lead by adopting AI-assisted analytics and sophisticated monitoring. Yet, we remain deeply rooted in the clinical wisdom passed down through generations. It is this balance—the marriage of high-tech and human-touch—that ensures we achieve our ultimate mission: e**nhancing patient safety and elevating the quality of perioperative care**.

A Global Hub for Collaboration

To mark this historic anniversary, we are placing a special emphasis on **future-oriented growth and global collaboration**. We are deeply honored to welcome the **leadership of the World Federation of Societies of Anaesthesiologists**. Their participation symbolizes the KSA's vital role in the global medical community as we work together to shape the international agenda for our specialty.

Furthermore, we are privileged to host the Editors-in-Chief of the world's most prestigious journals, ***Anesthesiology*** and the ***Journal of Clinical Anesthesia***. Their insights into the latest research trends and strategic academic publishing will empower our members to project their scholarly excellence onto the world stage more effectively than ever before.

Engaging with Pioneers: "Meet the Expert"

In celebration of our 70-year journey, we have introduced the **"Meet the Expert"** sessions. These intimate forums provide a rare opportunity for participants to engage in high-level dialogues with world-renowned pioneers. We hope these sessions foster the mentorship and collaboration that will define the next seventy years of our field.

Toward a Visionary Future

KoreAnesthesia 2026 is more than an academic conference; it is a tribute to the resilience and dedication of every member who has built this society over the past seven decades. As we honor our past, we are simultaneously looking forward, ready to embrace the challenges and opportunities of the future.

I invite you to enjoy the rich academic programs and the warm hospitality of Incheon. Thank you for being a part of this historic celebration.

Warmest regards



Young-Tae Jeon
President, Korean Society of Anesthesiologists

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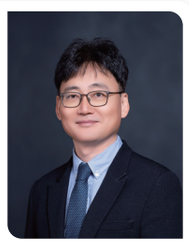
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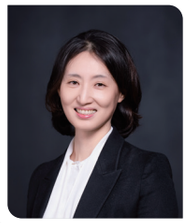
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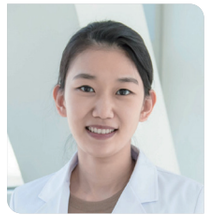
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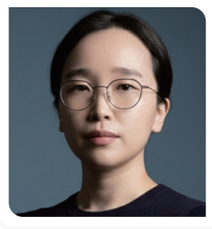
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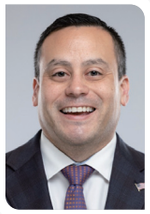
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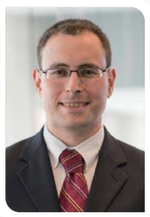
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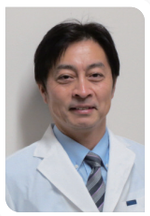
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Hall 1 (Grand Ballroom C)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions

Hall 2 (Grand Ballroom B)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions
- 지도전문의 교육

Hall 3 (Grand Ballroom A)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions
- 추계연수교육

Hall 4 (Emerald)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions
- KSA Board Meeting (평의원회)
- General Assembly (총회)
- KMA 필수교육
- KSPAN Annual Conference (회복마취간호사회)

Exhibition 1 (Sapphire)

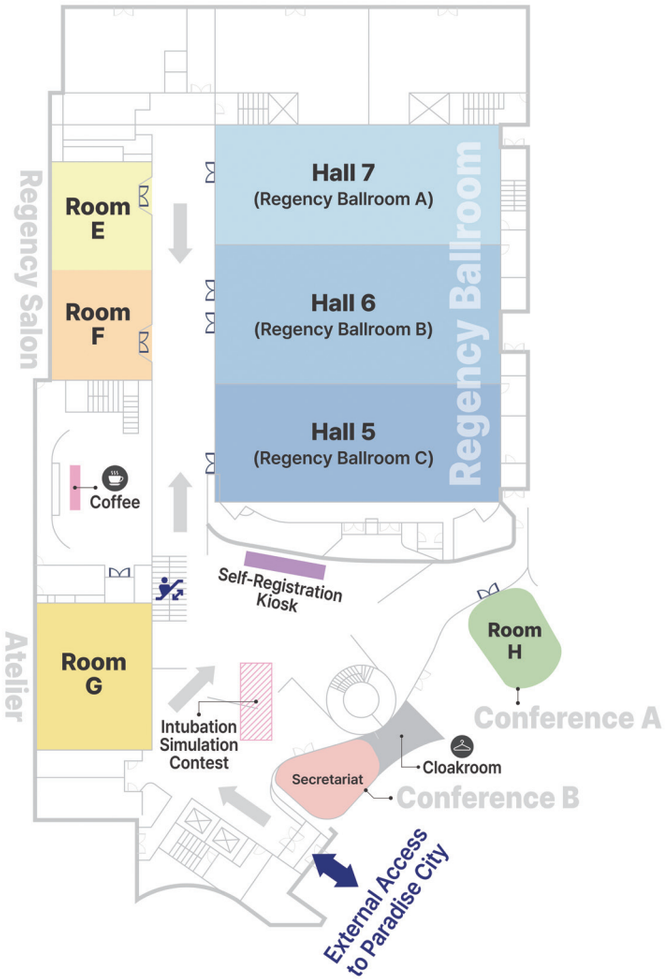
Room A
- Workshops

Room B, C, D
- Abstract Presentation
- Workshops

Board Meeting Room

FLOOR PLAN

B1F Hyatt Regency



Hall 5 (Regency Ballroom C)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions

Hall 6 (Regency Ballroom B)
- KoreAnesthesia 2026 Sessions
- Luncheon Sessions

Hall 7 (Regency Ballroom A)
- Luncheon Sessions

Exhibition 2 (Lobby)

Room E (Regency Salon A)
- Abstract Presentation
- Abstract Competition

Room F (Regency Salon B)
- Abstract Presentation

Room G (Atelier)
- Workshops

Room H (Conference A)
- Meet the Expert

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| REGISTRATION |

Date Nov 5 (Thu)-7 (Sat) (Paradise City)
Nov 5 (Thu)-6 (Fri) (Hyatt Regency)

Time 08:00-16:00

Location Paradise City Convention 1F &
Hyatt Regency B1F

| PREVIEW ROOM |

Date Nov 4 (Wed)-7 (Sat)

Time 16:00-19:00 (Wed)
07:00-17:30 (Thu-Sat)

Location Paradise City Event Meeting Room B

*Kindly note that there is no Preview Room available at Hyatt Regency.

| REGISTRATION PROCESS |

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at the self-registration kiosk

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Collect your name badge

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at the kiosk will expedite badge collection.
For assistance, please visit the Registration Desk.

| EXHIBITION |

Date Nov 5 (Thu)-7 (Sat) (Paradise City)
Nov 5 (Thu)-6 (Fri) (Hyatt Regency)

Time 09:00-17:00

Location Paradise City Lobby & Sapphire
Hyatt Regency Lobby

| LUNCHEON SESSION |

	Paradise City				Hyatt Regency		
	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5	Hall 6	Hall 7
Nov 5 (Thu) 12:30-13:30	Masimo	Medtronic Korea	Pharmbio Korea Inc.	UPINEMED	HANLIM PHARM	Baxter & BORYUNG	KyongBo Pharm
Nov 6 (Fri) 12:30-13:30	Medtronic Korea	Masimo	Hana Pharm Co.,Ltd.	Pharmbio Korea Inc.	Becton Dickinson Korea	ACEMEDICAL	Roche Diagnostics Korea
Nov 7 (Sat) 12:30-13:30	Becton Dickinson Korea	Hana Pharm Co.,Ltd.	HK inno.N	VIVOZON & Daiichi Sankyo Korea			

*Special Dietary (Vegetarian, Halal): Faculty-VIP Lounge (Rubik, Paradise City)
Participants-Hall 4 (Paradise City) & Hall 6 (Hyatt Regency)

| COFFEE BREAK |

Date Nov 5 (Thu)-7 (Sat) (Paradise City)
Nov 5 (Thu)-6 (Fri) (Hyatt Regency)

Time 10:30, 15:00 (Paradise City)
*Additional Coffee Station 09:00-10:00, 13:30-14:30
10:30, 15:00 (Hyatt Regency)

Go to Floor Plan

| TRANSPORTATION |

• Shuttles for Incheon International Airport Terminal 1

Date **Paradise City Shuttle:** Everyday
KoreAnesthesia 2026 Shuttle: Nov 4 (Wed)-Nov 8 (Sun)

First Bus 05:00
Last Bus 23:00

Departure **Paradise City Shuttle:** 1F, 3C
KoreAnesthesia 2026 Shuttle: 1F, 1-2C

Interval About 10-20 Minutes

Paradise City (B1F Bus Station) → Hyatt Regency (Lobby) → Terminal 1 (Paradise City Shuttle: 1F, 3C / KoreAnesthesia 2026 Shuttle: 1F, 1-2C) → Hyatt Regency (Lobby) → Paradise City (B1F Bus Station)

• Shuttles for Incheon International Airport Terminal 2

Date **Paradise City Shuttle:** Everyday
KoreAnesthesia 2026 Shuttle: Nov 4 (Wed)-Nov 8 (Sun)

First Bus 05:05
Last Bus 23:05
*23:35 Only for Nov 4 (Wed)

Departure **Paradise City Shuttle:** 1F, 4A
KoreAnesthesia 2026 Shuttle: 1F, 4A

Interval About 30 Minutes-1 Hour

Paradise City (B1F Bus Station) → Hyatt Regency (Lobby) → Terminal 2 (Paradise City Shuttle: 1F, 4A / KoreAnesthesia 2026 Shuttle: 1F, 4A) → Hyatt Regency (Lobby) → Paradise City (B1F Bus Station)

• Shuttle for Special Course (Songdo)

Date Nov 6 (Fri) Only

Schedule 12:15, 14:15, 17:15, 19:15
*The schedule is subject to change depending on the traffic conditions of the day.

Paradise City (B1F Bus Station) → Hyatt Regency (Lobby) → Songdo Central Park → Hyundai Premium Outlets Songdo → Hyatt Regency (Lobby) → Paradise City (B1F Bus Station)

• Parking

Free parking passes will be available throughout the venue.

Venue Direction QR

103RD KOREANESTHESIA 2026
The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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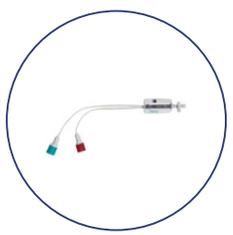
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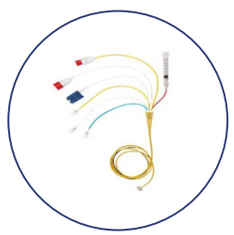
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PROGRAM AT A GLANCE

The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

LECTURE · LUNCHEON

	Paradise City			
	Hall 1	Hall 2	Hall 3	Hall 4
9:00-10:30	Perioperative Medicine 1	Critical Care 1	추계연수교육	Regional Anesthesia 1
10:30-11:00	Break			
11:00-12:30	Perioperative Medicine 2	Cardiovascular Anesthesia 1	추계연수교육	Patient Safety 1
12:30-13:30	Luncheon: MASIMO	Luncheon: Medtronic Engineering the extraordinary	Luncheon: PharmBio 한국팜비오(주)	Luncheon: U.PINE MED
13:30-15:00	Perioperative Medicine 3	Patient Blood Management 1	추계연수교육	Anesthesia Pharmacology
15:00-15:30	Break			
15:30-17:00		Transplantation Anesthesia 1	추계연수교육	KSA Board Meeting (평의원회)

Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

LECTURE · LUNCHEON

	Hyatt Regency		
	Hall 5	Hall 6	Hall 7
9:00-10:30	Artificial Intelligence 1	Asia Anaesthesia Forum	
10:30-11:00	Break		
11:00-12:30	Geriatric Anesthesia 1	Patient Safety 2 (Neuromuscular)	
12:30-13:30	Luncheon: HANLIM PHARM	Luncheon: Baxter & BORYUNG	Luncheon: KyongBo Pharm
13:30-15:00	Obstetric Anesthesia 1	Research	
15:00-15:30	Break		
15:30-17:00	Neuroanesthesia 1	Pain Management 1	

Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

WORKSHOP · ABSTRACT PRESENTATION

	Paradise City				
	Room A	Room B	Room C	Room D	Board Meeting Room
9:00-10:30	Workshop 1: Pain Medicine Basic Nerve Block (09:00-12:00) *Korean*				
10:30-11:00					
11:00-12:30		Abstract Presentation 1	Abstract Presentation 2	Abstract Presentation 3	
12:30-13:30	Break				
13:30-15:00	Workshop 3: US-Guided Peripheral Nerve Block (14:00-17:00)	Abstract Presentation 6	Abstract Presentation 7	Abstract Presentation 8	
15:00-15:30		Break			
15:30-17:00		Abstract Presentation 11	Abstract Presentation 12	Abstract Presentation 13	

Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

WORKSHOP · ABSTRACT PRESENTATION · MEET THE EXPERT

	Hyatt Regency			
	Room E	Room F	Room G	Room H
9:00-10:30			Workshop 2: ACDM (Anesthesia Common Data Model) (09:00-12:00) *Korean*	
10:30-11:00				
11:00-12:30	Abstract Presentation 4	Abstract Presentation 5		
12:30-13:30	Break			
13:30-15:00	Abstract Presentation 9	Abstract Presentation 10	Workshop 4: Basic Pharmacology (14:00-17:00) *Korean*	Meet the Expert 1: AI *Korean*
15:00-15:30	Break			
15:30-17:00	Abstract Presentation 14	Abstract Presentation 15		Meet the Expert 2: Medical Devices & Funding *Korean*

Nov 5 (Thu) | **Nov 6** (Fri) | **Nov 7** (Sat)

LECTURE · LUNCHEON

	Paradise City			
	Hall 1	Hall 2	Hall 3	Hall 4
9:00-10:30	Leadership	Critical Care 2	Ambulatory Anesthesia 1	Airway Management *Korean (AI ENG)*
10:30-11:00	Break			
11:00-12:30	Global Issues in Anesthesiology	Thoracic Anesthesia 1	Geriatric Anesthesia 2	Anesthesiology & Physiology
12:30-13:30	Luncheon: Medtronic Engineering the extraordinary	Luncheon: Masimo	Luncheon: Hana Pharm Co., Ltd.	Luncheon: PharmBio 한국팜비오(주)
13:30-15:00	Regional Anesthesia 2	Transplantation Anesthesia 2	Ambulatory Anesthesia 2	Medical Policy & Reimbursement *Korean (AI ENG)*
15:00-15:30	Break			
15:30-17:00	Perioperative Medicine 4	Cardiovascular Anesthesia 2	Pain Management 2	General Assembly (15:30-16:00)

Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

LECTURE · LUNCHEON

	Hyatt Regency		
	Hall 5	Hall 6	Hall 7
9:00-10:30	Artificial Intelligence 2	KJA Session *Korean (AI ENG)*	
10:30-11:00	Break		
11:00-12:30	Obstetric Anesthesia 2	Publication 1	
12:30-13:30	Luncheon: BD	Luncheon: ACE MEDICAL	Luncheon: Roche
13:30-15:00	Pediatric Anesthesia 1	Publication 2	
15:00-15:30	Break		
15:30-17:00	Neuroanesthesia 2	Publication 3	

Nov 5 (Thu) | **Nov 6 (Fri)** | Nov 7 (Sat)

WORKSHOP · ABSTRACT PRESENTATION

	Paradise City				
	Room A	Room B	Room C	Room D	Board Meeting Room
9:00-10:30	Workshop 5: POCUS (09:00-12:00) *Korean*				
10:30-11:00					ISA MOU Signing
11:00-12:30		Abstract Presentation 16	Abstract Presentation 17	Abstract Presentation 18	
12:30-13:30	Break			대한부위마취학회 이사회	대한뇌신경마취학회 이사회
13:30-15:00	Workshop 7: TEE, TTE (14:00-17:00) *Korean*	Abstract Presentation 20	Abstract Presentation 21		
15:00-15:30		Break			MSA MOU Signing
15:30-17:00		Abstract Presentation 24	Abstract Presentation 25		통계라운드

Nov 5 (Thu) | **Nov 6 (Fri)** | Nov 7 (Sat)

WORKSHOP · ABSTRACT PRESENTATION · MEET THE EXPERT

	Hyatt Regency			
	Room E	Room F	Room G	Room H
9:00-10:30			Workshop 6: CPR (09:00-12:00) *Korean*	Meet the Expert 3: Transplantation Anesthesia
10:30-11:00				Break
11:00-12:30	Abstract Competition	Abstract Presentation 19		Meet the Expert 4: AI
12:30-13:30	Break			
13:30-15:00	Abstract Presentation 22	Abstract Presentation 23	Workshop 8: Airway Management (14:00-17:00) *Korean*	Meet the Expert 5: Neuroanesthesia & Delirium
15:00-15:30	Break			Break
15:30-17:00	Abstract Presentation 26	Abstract Presentation 27		Meet the Expert 6: Regional Anesthesia

Nov 5 (Thu) | Nov 6 (Fri) | **Nov 7** (Sat)

LECTURE · LUNCHEON

	Paradise City			
	Hall 1	Hall 2	Hall 3	Hall 4
9:00-10:30	Oncologic Anesthesia	CPR Update *Korean (AI ENG)*	ERAS 1	KMA 필수교육 (09:00-11:00)
10:30-11:00	Break			
11:00-12:30	Patient Safety 3	Thoracic Anesthesia 2	ERAS 2	Break
12:30-13:30	Luncheon: BD	Luncheon: Hana Pharm Co., Ltd.	Luncheon: inno.N innovate New & Next	Luncheon: VIVOZON PHARMACEUTICAL & DAIICHI SANKYO KOREA
13:30-15:00	Artificial Intelligence 3	지도전문의교육 (13:30-17:30)	Cardiovascular Anesthesia 3	KSPAN Annual Conference (13:30-15:20)
15:00-15:30	Break		Break	
15:30-17:00	Patient Blood Management 2		Pediatric Anesthesia 2	KSPAN Annual Conference (15:40-17:00)

Nov 5 (Thu) | Nov 6 (Fri) | **Nov 7** (Sat)

WORKSHOP · ABSTRACT PRESENTATION

	Paradise City				
	Room A	Room B	Room C	Room D	Board Meeting Room
9:00-10:30	Workshop 9: Advanced Venous Doppler (09:00-12:00)	Abstract Presentation 28	Workshop 10: PK/PD Simulation (09:00-12:00) *Korean*	Abstract Presentation 29	AAF Board Meeting
10:30-11:00		Break		Break	MASCAP - KSCTVA Joint Meeting
11:00-12:30		Abstract Presentation 30		Abstract Presentation 31	
12:30-13:30	Break				대한소아마취학회 이사회
13:30-15:00	Workshop 11: Basic Processed-EEG Monitoring (AAF) (14:00-17:00)	Abstract Presentation 32	Workshop 12: NONMEM (14:00-17:00) *Korean*		
15:00-15:30					
15:30-17:00					

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Perioperative Medicine 1

Perioperative Care for High-Risk Patients & Future Directions

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Hiroshi Morimatsu *(Okayama University Hospital, Japan)* Jin-Tae Kim *(Seoul National University, Republic of Korea)*	
Speaker(s)	09:00-09:25	Role of Anesthesiology in the Future of Healthcare Davy Cheng *(The Chinese University of Hong Kong, Shenzhen, China)* 1. Historic Milestones of Anesthesiology, Trauma & Critical Care Medicine 2. Future & Vital Directions of Healthcare 3. Leadership of Anesthesiology in the AI Digital Era of Healthcare
	09:25-09:50	Risk Stratification and Precision Medicine in High-Risk Surgical Patients Jungchan Park *(Sungkyunkwan University, Republic of Korea)* 1. Identify high-risk surgical patients using contemporary perioperative risk stratification tools and patient-specific clinical factors. 2. Understand how biomarkers, clinical data, and emerging predictive technologies can improve individualized perioperative risk assessment. 3. Explore how precision medicine and artificial intelligence may transform perioperative risk prediction and personalized clinical decision-making in high-risk surgical patients.
	09:50-10:15	Non-Adrenergic Vasoconstrictors Giovanni Landoni *(Vita-Salute San Raffaele University, Italy)* 1. Understand the rationale for reducing excessive exposure to adrenergic vasopressors. 2. Review the mechanisms and available evidence supporting non-adrenergic vasoconstrictors in vasoplegia. 3. Identify potential clinical applications of angiotensin II, vasopressin, methylene blue, and other non-catecholaminergic agents.
	10:15-10:30	Q&A

Perioperative Medicine 2

Optimizing the High-Risk Patient: From Prehabilitation to Postoperative Outcomes

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Won Uk Koh *(University of Ulsan, Republic of Korea)* Emily Methangkool *(University of California Los Angeles, USA)*	
Speaker(s)	11:00-11:25	Is 30-day Postoperative Mortality a Leading Cause of Death? Examining Fact vs. Fiction Emily Methangkool *(University of California Los Angeles, USA)* 1. Understand the global burden of postoperative morbidity and mortality 2. Describe the impact of postoperative deterioration on patient safety 3. Identify potential strategies to improve safety in the postoperative setting
	11:25-11:50	DM Medication on Postoperative Outcomes in Non-Cardiac Surgery Ah Ran Oh *(Sungkyunkwan University, Republic of Korea)* 1. Explain why diabetes medications may influence outcomes after noncardiac surgery beyond their effects on blood glucose. 2. Describe the potential perioperative benefits and risks of major diabetes medication classes. 3. Apply a patient- and drug-specific approach to decisions about continuing, withholding, and restarting diabetes medications around surgery.
	11:50-12:15	Perioperative Risk Prediction: A Renal Perspective Sun Young Park *(Soonchunhyang University, Republic of Korea)* 1. Understand the impact of pre-existing CKD on perioperative outcomes and recognize the risk of postoperative CKD progression following surgery. 2. Evaluate current approaches to perioperative risk prediction, including conventional clinical risk models and emerging machine-learning-based approaches. 3. Recognize the limitations of conventional risk stratification in patients with ESRD and explore ESRD-specific approaches to predicting postoperative complications, including emerging machine-learning-based models.
	12:15-12:30	Q&A

Luncheon: Masimo

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 1 *(Paradise City)*	
Chair(s)	Sung Yong Park *(Ajou University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Two Windows into the Sleeping Brain: Root Platform with SedLine® and O3® Kyungmi Kim *(Korea University, Republic of Korea)* 1. Interpret real-time SedLine® and O3® displays to recognize excessive anesthetic depth, burst suppression, and cerebral desaturation intraoperatively. 2. Differentiate anesthetic-depth from perfusion-related causes using concordant vs. discordant findings between the two monitors, and select the corresponding response. 3. Recognize the clinical settings (e.g., cardiopulmonary bypass, one-lung ventilation) with outcome-level evidence supporting intervention on an abnormal finding.

Perioperative Medicine 3

Risk Stratification & Optimization in Perioperative Medicine

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Seong-Hyop Kim *(Konkuk University, Republic of Korea)* Seung Zhoo Yoon *(Korea University, Republic of Korea)*	
Speaker(s)	13:30-13:55	(Why and How) Should We Measure Blood Pressure Continuously in the OR? Thomas Scheeren *(BD Advanced Patient Monitoring, Germany)* 1. Why we should We Measure Blood Pressure Continuously in the OR (hypotension matters) 2. How we should We Measure Blood Pressure Continuously in the OR (available technologies) 3. Conclusion: should We Measure Blood Pressure Continuously in the OR? Yes!
	13:55-14:20	Bedside Approach to Shock André Denault *(University of Montreal, Canada)* 1. Understand the mechanisms of hemodynamic instability and shock 2. Develop a comprehensive approach and management using hemodynamic data and bedside ultrasound
	14:20-14:45	Is Propofol Increasing Mortality in Our Patients? Giovanni Landoni *(Vita-Salute San Raffaele University, Italy)* 1. Review the available randomized evidence comparing propofol with alternative hypnotic agents. 2. Understand the potential mechanisms by which propofol may interfere with organ-protective interventions. 3. Discuss the potential implications of hypnotic choice on clinically relevant outcomes and survival.
	14:45-15:00	Q&A

Critical Care 1

Beyond Survival: Advanced Support & Outcomes in High-Risk Patients

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Jeongmin Kim *(Yonsei University, Republic of Korea)* Sanghon Park *(Seoul National University, Republic of Korea)*	
Speaker(s)	09:00-09:25	**ECMO and Advanced Support in High-Risk Surgical Patients** Jay G. Shake *(University of Mississippi Medical Center, USA)* 1. Recognize cardiogenic shock and inadequate systemic perfusion. 2. Differentiate isolated left ventricular, right ventricular, and biventricular failure. 3. Describe the major temporary mechanical circulatory support options. 4. Recognize LV distension and inadequate LV unloading during VA-ECMO. 5. Explain the rationale for early LV unloading during VA-ECMO. 6. Apply a staged approach to escalation and de-escalation of mechanical circulatory support.
	09:25-09:50	**Hemodynamic Optimization Beyond Blood Pressure** Tomoko Fujii *(Jikei University School of Medicine, Japan)* 1. Normalising haemodynamic values does not guarantee adequate tissue perfusion or organ recovery. 2. Resuscitation should be individualised, using physiological responses to guide fluids and vasoactive therapy. 3. Monitoring should guide both intervention and when to stop, helping avoid unnecessary treatment and associated harm.
	09:50-10:15	**Post-Intensive Care Syndrome and the Role of Anesthesiologists** Nobuo Sato *(Tokyo Women's Medical University, Japan)* 1. Understand the concept, major domains, and clinical significance of post-intensive care syndrome (PICS). 2. Identify key modifiable factors associated with PICS, including sedation, delirium, immobility, pain, and sleep disturbances. 3. Recognize the potential role of anesthesiologists in reducing the risk of PICS and promoting long-term recovery through perioperative and critical care management.
	10:15-10:30	Q&A

Cardiovascular Anesthesia 1

Updates in Cardiovascular Anesthesia

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Jae-Kwang Shim *(Yonsei University, Republic of Korea)* In Cheol Choi *(University of Ulsan, Republic of Korea)*	
Speaker(s)	11:00-11:25	**AKI Prevention in Cardiac Surgery with Amino Acids** Giovanni Landoni *(Vita-Salute San Raffaele University, Italy)* 1. Understand the role of renal perfusion and functional reserve in cardiac surgery-associated AKI. 2. Review the evidence supporting intravenous amino acids for the prevention of AKI after cardiac surgery. 3. Learn practical strategies for implementing perioperative amino acid infusion in clinical practice.
	11:25-11:50	**Beyond AKI: Renal Recovery and Chronic Progression After Cardiac Surgery** Jong Wook Song *(Yonsei University, Republic of Korea)* 1. Describe the patterns and clinical significance of renal recovery after acute kidney injury following cardiac surgery. 2. Identify perioperative factors associated with incomplete renal recovery and progression to chronic kidney disease after cardiac surgery
	11:50-12:15	**TEE for LVAD Implantation and Complicated Cases** Youn Joung Cho *(Seoul National University, Republic of Korea)* 1. Evaluate echocardiographic determinants in patients undergoing LVAD implantation 2. Guide intraoperative device positioning during LVAD implantation 3. Troubleshoot acute post-LVAD implantation hemodynamic instability
	12:15-12:30	Q&A

Luncheon: Medtronic Korea

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 2 *(Paradise City)*	
Chair(s)	Yunseok Jeon *(Seoul National University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Cerebral Oximetry in the Elderly Surgical Patient: From Watching a Number to Managing Perfusion Hyun Sik Chung *(The Catholic University of Korea, Republic of Korea)* This lecture examines why the elderly brain has so little physiological reserve, what near-infrared spectroscopy actually measures, and where that signal reaches its limits. It then reviews the shift from fixed thresholds toward individualized perfusion targets, together with the procedure-specific algorithms published to date.

Patient Blood Management 1

Advances in Patient Blood Management: From Data to Clinical Practice

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Lian Kah Ti *(National University Hospital, Singapore)* Yon Hee Shim *(Yonsei University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Data-Driven Decision-Making in Patient Blood Management Tae-Yop Kim *(Konkuk University, Republic of Korea)*
	13:55-14:20	Intraoperative Red Blood Cell Transfusion: When and How? 2025-2026 Guideline Updates Kyungmi Kim *(Korea University, Republic of Korea)* 1. Decide when an RBC transfusion is justified without treating hemoglobin as an automatic trigger. 2. Recognize the key exceptions (AMI and acute brain injury), as well as the population-specific nuances in cardiac surgery, chronic kidney disease, and pediatrics. 3. Be able to use those recommendations and patient blood management toolbox into action in the operating room.
	14:20-14:45	Acute Normovolemic Hemodilution in Cardiac Surgery Lian Kah Ti *(National University Hospital, Singapore)* 1. Understand the rationale of performing ANH in cardiac surgery 2. The safety of ANH 3. Know the guidelines and meta-analysis 4. Learn the findings of the ANH study published in NEJM 2025
	14:45-15:00	Q&A

Transplantation Anesthesia 1

Foundations & Contemporary Practice in Transplant Anesthesia

Date / Time	Nov 5 (Thu) / 15:30-17:00	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Jiuk Yoon *(Pusan National University, Republic of Korea)* Dieter Adelmann *(University of California San Francisco, USA)*	
Speaker(s)	15:30-15:55	Perioperative Hemodynamic Management in Liver Transplantation: What Has Changed? Ko Justin Sangwook *(Medical College of Wisconsin, USA)* 1. Describe recent advances in perioperative hemodynamic monitoring for liver transplantation, including arterial pressure site selection, PAC, TEE, and less-invasive cardiac output monitoring. 2. Apply a patient-specific monitoring strategy that links pressure, cardiac output, preload responsiveness, and ventricular function to goal-directed hemodynamic therapy. 3. Recognize contemporary updates affecting practice, including AI/HPI monitoring and revised diagnostic and transplant-eligibility criteria for portopulmonary hypertension.
	15:55-16:20	Coagulation, Bleeding, and Transfusion Strategies in Transplant Surgery Won Ho Kim *(Seoul National University, Republic of Korea)* 1. Explain the concept of rebalanced hemostasis in liver disease and cirrhosis, and understand why conventional coagulation tests poorly predict perioperative bleeding risk in transplant surgery. 2. Interpret viscoelastic testing parameters — including EXTEM, FIBTEM, and INTEM — to distinguish coagulation factor deficiency, hypofibrinogenemia, and platelet-related clot weakness during liver transplantation. 3. Apply a goal-directed transfusion algorithm using viscoelastic testing to guide targeted use of fibrinogen concentrate/cryoprecipitate, prothrombin complex concentrate (PCC), fresh frozen plasma, and platelets, in line with current patient blood management principles. 4. Recognize and manage hyperfibrinolysis and hypercoagulation across the phases of liver transplantation, including the evidence for antifibrinolytic therapy and the diagnostic workup and treatment of intraoperative thrombosis. 5. Summarize key recommendations from major international guidelines (Consensus Statement 2022, ESAIC 2023, EASL 2024 CPG) on restrictive transfusion strategy and blood conservation in transplant surgery.
	16:20-16:45	Kidney Injury After Liver Transplantation: Risk Factors and Clinical Implications Dieter Adelmann *(University of California San Francisco, USA)* Acute kidney injury is common after liver transplantation and potentially modifiable through perioperative care. This talk reviews the key risk factors, from recipient physiology to surgical technique (such as vena cava replacement versus a caval-preserving approach) and intraoperative fluid and hemodynamic management, and shows how early kidney injury translates into longer-term morbidity, including chronic kidney disease and reduced survival after transplant.
	16:45-17:00	Q&A

Refresher Course

Practical Challenges in Perioperative Care

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 3 *(Paradise City)*	
Language	Korean	
Chair(s)	Sang Hun Kim *(Chosun University, Republic of Korea)* Jong Wha Lee *(Ewha Womans University, Republic of Korea)*	
Speaker(s)	09:00-09:20	Perioperative Anaphylaxis: Early Recognition and Effective Management Hansu Bae *(Dongguk University, Republic of Korea)* 1. Understand the definition, mechanisms, and major culprits of anaphylaxis. 2. Recognize, diagnose, and manage perioperative anaphylaxis promptly. 3. Understand post-event evaluation and strategies to prevent recurrence during future anesthesia.
	09:20-09:40	Massive Hemorrhage Management: Current Strategies and Practical Approaches Min A Kwon *(Dankook University, Republic of Korea)* 1. Understand the current principles of massive hemorrhage management, including early hemorrhage control, damage control resuscitation, and massive transfusion protocols. 2. Apply goal-directed hemostatic therapy using conventional coagulation tests and viscoelastic testing (TEG/ROTEM), with appropriate use of blood components, fibrinogen, antifibrinolytics, and calcium. 3. Develop a practical bedside approach to massive bleeding, integrating rapid assessment, transfusion strategies, correction of hypothermia/acidosis/hypocalcemia, and timely reassessment.
	09:40-10:00	Labor Analgesia: Current Concepts and Clinical Practice Yea-Ji Lee *(Konkuk University, Republic of Korea)* 1. Define the progression and distinct stages of the labor process. 2. Classify the different modalities and intervention types for providing labor analgesia. 3. Explore and implement effective labor analgesia methods tailored to the current clinical environment in South Korea.
	10:00-10:20	Perioperative Management of Patients with Coronary Stents Undergoing Noncardiac Surgery Kyu Nam Kim *(Hanyang University, Republic of Korea)* 1. Determine the appropriate timing of noncardiac surgery after PCI based on ACS/CCD, PCI characteristics, and the risk of stent thrombosis. 2. Understand the perioperative management of aspirin and P2Y12 inhibitors, including decisions regarding preoperative interruption and postoperative resumption. 3. Understand the role and limitations of time-sensitive surgery and cangrelor bridging in patients with recent PCI. 4. Develop an integrated perioperative management strategy that addresses neuraxial anesthesia and deep plexus block, as well as the prevention and surveillance of perioperative myocardial injury.
	10:20-10:30	Q&A

Refresher Course

Clinical Pearls in Anesthesia: Tips for Everyday Practice

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 3 *(Paradise City)*	
Language	Korean	
Chair(s)	Seung Ho Choi *(Yonsei University, Republic of Korea)* Aram Doo *(Jeonbuk National University, Republic of Korea)*	
Speaker(s)	11:00-11:20	Tips for Spinal Anesthesia Han Bum Joe *(Ajou University, Republic of Korea)* 1. Clinical Pearls for High-Success Spinal Anesthesia 2. Use of Ultrasound in Spinal Anesthesia 3. Understanding 3D Anatomy of the Lumbar Spine
	11:20-11:40	Tips for Central Venous Catheterization Hyongmin Oh *(Seoul National University, Republic of Korea)* 1. Describe key anatomical and technical considerations for central venous catheterization at different access sites. 2. Apply ultrasound-guided techniques and practical strategies to improve the success and safety of central venous catheterization. 3. Recognize and prevent common complications associated with central venous catheterization, including important considerations in pediatric patients.
	11:40-12:00	Tips for Fiberoptic Bronchoscope Intubation Jung-Man Lee *(Seoul National University, Republic of Korea)* 1. Indications for fiberoptic bronchoscope (FOB) intubation and basic scope-handling technique. 2. Practical techniques of oral, nasal, and awake fiberoptic intubation. 3. Troubleshooting of common intraprocedural problems.
	12:00-12:20	Tips for One-Lung Ventilation Namo Kim *(Yonsei University, Republic of Korea)* 1. Identify clinical indications, anatomical considerations, and key challenges in managing one-lung ventilation (OLV). 2. Select and position appropriate airway devices (DLTs vs. bronchial blockers), including advanced techniques for difficult airways or altered airway anatomy. 3. Apply evidence-based lung-protective ventilation protocols and hypoxia troubleshooting algorithms to safely manage critical intraoperative hypoxemia. 4. Implement practical strategies for high-risk or difficult OLV scenarios, such as severe airway bleeding, massive air leaks, and poor baseline pulmonary reserve.
	12:20-12:30	Q&A

Luncheon: Pharmbio Korea Inc.

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 3 *(Paradise City)*	
Chair(s)	Dong Woo Han *(Yonsei University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Oliceridine: From Biased Agonism to the PCA Bag Hyunyoung Seong *(Korea University, Republic of Korea)* 1. Describe the G protein-biased mechanism and pharmacokinetic profile of oliceridine, and how it differs from conventional IV opioids. 2. Critically appraise the clinical evidence, from the pivotal APOLLO trials and real-world studies to recent randomized trials and meta-analyses, including its limitations. 3. Apply practical dosing and PCA preparation within the 27 mg daily limit, and identify patients who may benefit most.

Refresher Course

Optimizing Perioperative Management in High-Risk Conditions

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 3 *(Paradise City)*	
Language	Korean	
Chair(s)	Choonkyu Cho *(Konyang University, Republic of Korea)* Seung Cheol Lee *(Dong-A University, Republic of Korea)*	
Speaker(s)	13:30-13:50	**Postpartum Hemorrhage: Are You Prepared?** Seung Hyun Kim *(Yonsei University, Republic of Korea)* 1. Understand the major causes and early recognition of postpartum hemorrhage. 2. Review the key principles of initial resuscitation and hemostatic management.
	13:50-14:10	**Non-Cardiac Anesthesia for Patients with Cardiac Diseases** Judeok Kim *(Kosin University, Republic of Korea)* 1. Assess perioperative cardiovascular risk and identify patients who require further cardiac evaluation: Consider validated risk assessment tools, functional capacity, and surgical risk to determine whether additional preoperative cardiac evaluation is warranted. 2. Understand the purpose of cardiac tests and select appropriate tests: Recognize what each test is intended to assess and determine which tests are appropriate—and when testing is not warranted—based on the patient's risk profile and clinical circumstances. 3. Develop a perioperative management plan for patients with cardiovascular disease: Formulate an appropriate surgical and anesthetic management strategy based on the patient's cardiovascular status and surgical risk.
	14:10-14:30	**Perioperative Management of Patients with Liver Diseases** Ki Tae Jung *(Chosun University, Republic of Korea)* 1. Describe hepatic blood flow and how anesthesia and surgery alter it. 2. Assess perioperative risk in patients with liver disease. 3. Apply anesthetic management principles in cirrhosis, including drug selection and rebalanced hemostasis.
	14:30-14:50	**Perioperative Management of Patients with Respiratory Diseases** Seung Hee Yoo *(Ewha Womans University, Republic of Korea)* 1. Postoperative Pulmonary Complications (PPCs): Analyze risk factors and pathophysiology of PPCs. 2. Preoperative Evaluation: Assess respiratory status and optimize preoperative evaluation for underlying disease. 3. Intraoperative Management: Apply tailored anesthesia, protective ventilation, and acute bronchospasm protocols.
	14:50-15:00	Q&A

Refresher Course

Perioperative Critical Care

Date / Time	Nov 5 (Thu) / 15:30-17:00	
Room	Hall 3 *(Paradise City)*	
Language	Korean	
Chair(s)	Young Kyoung Lee *(Hanyang University, Republic of Korea)* Bongjae Lee *(Kyung Hee University, Republic of Korea)*	
Speaker(s)	15:30-15:50	**Anesthesia for Neonatal Emergency Surgery** Eun-Hee Kim *(Seoul National University, Republic of Korea)* 1. Understand the physiologic challenges of neonatal emergency anesthesia. 2. Apply appropriate anesthetic strategies to common neonatal surgical emergencies. 3. Anticipate and manage critical perioperative complications in neonates.
	15:50-16:10	**Anesthesia for Carotid Endarterectomy** Chang-Hoon Koo *(Seoul National University, Republic of Korea)* 1. Understand the principles of preoperative evaluation and the perioperative management of antiplatelet agents, anticoagulants, statins, and blood pressure in patients undergoing carotid endarterectomy (CEA). 2. Describe phase-specific hemodynamic goals before, during, and after carotid cross-clamping, and compare the strengths and limitations of cerebral ischemia monitoring modalities. 3. Recognize major postoperative complications, including cerebral hyperperfusion syndrome, and apply appropriate preventive and management strategies.
	16:10-16:30	**Pulmonary Embolism: Prevention and Management** Seunghee Ki *(Inje University, Republic of Korea)* 1. Assess perioperative VTE risk and select appropriate preventive strategies. 2. Recognize intraoperative PE and use bedside tools for rapid diagnosis. 3. Manage critical PE with hemodynamic stabilization and appropriate reperfusion strategies.
	16:30-16:50	**Perioperative Prevention of AKI in High-Risk Surgery** Ha Yeon Kim *(Ajou University, Republic of Korea)* 1. Explain the KDIGO definition and clinical significance of perioperative acute kidney injury in high-risk surgery. 2. Apply evidence-based hemodynamic, fluid, and pharmacologic strategies to prevent perioperative AKI. 3. Develop tailored AKI prevention strategies for specific high-risk surgeries.
	16:50-17:00	Q&A

Regional Anesthesia 1

Advances in Regional Anesthesia: Precision, Safety & Expanding Applications

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 4 *(Paradise City)*	
Language	English	
Chair(s)	Ki Jinn Chin *(University of Toronto, Canada)* Younjin Kim *(Ewha Womans University, Republic of Korea)*	
Speaker(s)	09:00-09:25	Safe and Effective Nerve Blocks: How Close is Close Enough? Ki Jinn Chin *(University of Toronto, Canada)* 1. Describe the architecture of a typical nerve and the fascial layers that surround it 2. Explain how local anesthetic reaches an axon to exert conduction blockade, and what this means for where local anesthetic should be deposited 3. Apply practical measures to reduce mechanical nerve trauma while advancing the needle in peripheral nerve blocks.
	09:25-09:50	Paraspinal and Epidural Block for Laparoscopic Surgery Kibeom Park *(Keimyung University, Republic of Korea)* 1. Understand the pain mechanisms associated with laparoscopic surgery. 2. Review the effects of epidural block in various laparoscopic surgeries. 3. Review the effects of paravertebral block in various laparoscopic surgeries. 4. Compare the effects of epidural block and paravertebral block on laparoscopic surgeries
	09:50-10:15	Peripheral Nerve Blocks for Laparoscopic and Robotic Surgery Alberto Ardon *(Mayo Clinic, USA)* 1. Describe the procedure-specific evidence supporting peripheral nerve blocks in robotic and laparoscopic surgery. 2. Select an analgesic technique by matching the pain generator, incision pattern, and comparator. 3. Integrate regional anesthesia into a multimodal pathway without duplicating local anesthetic or workflow.
	10:15-10:30	Q&A

Patient Safety 1

Patient Safety in Anesthesia: From Preventable Harm to High-Reliability Care

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 4 *(Paradise City)*	
Language	English	
Chair(s)	Oraluxna Rodanant *(Chulalongkorn University, Thailand)* Jeong-Hyun Choi *(Kyung Hee University, Republic of Korea)*	
Speaker(s)	11:00-11:25	From Chaos to Calm: Simulation-Based Training for Managing Emergence Agitation in Children Prae Plansangkate *(Royal College of Anesthesiologists of Thailand, Thailand)* Pediatric emergence delirium (ED) is a patient safety concern requiring effective prevention, early recognition, and timely management. We developed two simulation-based scenarios: one to increase anesthesia residents' awareness of pediatric patients at high risk for ED and strategies for prevention, and another to train PACU nurses in the recognition and management of ED. This session will share practical approaches to simulation design, implementation, debriefing, and evaluation, as well as strategies to enhance ED awareness among anesthesia personnel 1. Identify pediatric patients at high risk for emergence delirium (ED) and describe prevention strategies. 2. Recognize and manage pediatric ED in the PACU. 3. Describe how simulation-based education can improve the prevention, recognition, and management of pediatric ED. 4. Apply effective strategies for simulation design, logistics, debriefing, and program evaluation to enhance pediatric patient safety.
	11:25-11:50	Opioid-Free Anesthesia: The Next Frontier in Anesthesia Practice Susilo Chandra *(Obstetric Anesthesia Society of Asia Oceania, Indonesia)* 1. Understand: The rationale and physiological basis of opioid-free anesthesia. 2. Apply: A balanced, multimodal approach to intraoperative nociception management without opioids. 3. Evaluate: Current clinical evidence, benefits, limitations, and patient selection for OFA.
	11:50-12:15	Patient Safety and Sustainable Operation for Equipment and Manpower in OR Izumi Kawagoe *(Juntendo University, Japan)* 1. These days, there's growing interest in sustainability in the OR, though it's less emphasized in East Asian countries compared to European countries. 2. I've been involved in this topic for several years, focusing on challenges like inhalational anesthetics, medical waste, and manpower shortages, which impact both sustainability and patient safety. 3. In this lecture, drawing on my experience as a member of the WFSA sustainability committee, I'd like to share the problems, how to address them, and the current global standards and situation.
	12:15-12:30	Q&A

Luncheon: UPINEMED

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 4 *(Paradise City)*	
Chair(s)	Won Uk Koh *(University of Ulsan, Republic of Korea)*	
Speaker(s)	12:30-13:30	The Journey to Personalized Anesthesia: Introducing Nociception Monitoring Ken B. Johnson *(University of Arizona, USA)* 1. Describe why intraoperative nociception needs objective monitoring, including the limits of heart rate and blood pressure, the wide interpatient variability in opioid requirements, and the risks of both excessive and inadequate nociception management. 2. Compare the main nociception monitoring technologies (multiparameter, parasympathetic, sympathetic, spinal reflex, and EEG-based), and interpret NOL index trends alongside hemodynamics to decide between giving more analgesia and using vasoactive or antihypertensive agents. 3. Appraise the evidence for nociception-guided analgesia, which consistently shows less intraoperative opioid use but mixed effects on postoperative pain, and apply it to higher-risk patients such as those who are opioid tolerant.

Anesthesia Pharmacology

Precision Anesthesia: Expanding the Boundaries of Perioperative Care

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 4 *(Paradise City)*	
Language	English	
Chair(s)	Hyo-Jin Byon *(Yonsei University, Republic of Korea)* Kye-Min Kim *(Inje University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Repurposing Anesthetic Agents for Perioperative Depression Young Song *(Yonsei University, Republic of Korea)* 1. Recognize that depression is far more common in surgical patients than their medical history suggests—and may remain poorly controlled even in those receiving treatment. (병력만으로 드러나지 않는 우울증과 치료 중에도 충분히 조절되지 않는 우울 증상을 인식한다.) 2. Understand how strongly depression is associated with pain, recovery, delirium, and longer-term outcomes after surgery. (우울증상이 수술 후 통증, 회복, 섬망 및 장기 예후와 밀접하게 연관되어 있음을 이해한다.) 3. Explore the rapid antidepressant effects of anesthetic agents that are gaining attention in psychiatry, particularly for difficult-to-treat depressive symptoms. (치료가 어려운 우울 증상에 빠른 효과를 보이며 정신과에서 새롭게 주목받고 있는 마취약제의 항우울 효과를 살펴본다.)
	13:55-14:20	Multichannel EEG Dynamics Associated with Postoperative Delirium in Elderly Patients Seong-Eun Kim *(Seoul National University of Science and Technology, Republic of Korea)* 1. Understand how alpha oscillations and their anteriorization change across induction, maintenance, and emergence from general anesthesia. 2. Identify differences in perioperative alpha dynamics and functional brain network organization associated with postoperative delirium. 3. Recognize the potential of multichannel EEG transition features as early markers of vulnerability to postoperative delirium.
	14:20-14:45	Obesity: Is the Eleveld Model Superior for TIVA in the Morbidly Obese? Anand Kamalanathan *(KPJ Klang Specialist Hospital, Malaysia)* 1. Recognise the pharmacokinetic and pharmacodynamic challenges of administering TIVA in patients with morbid obesity. 2. Compare the Eleveld propofol model with established TCI models, particularly Marsh and Schnider, in patients with obesity. 3. Explain how the Eleveld model incorporates body size and patient covariates to predict propofol concentrations across a broad patient population. 4. Evaluate the current evidence and limitations supporting the use of Eleveld TCI in morbidly obese patients. 5. Apply a practical, individualised approach to TIVA in obesity, integrating TCI with processed EEG and clinical endpoints to optimise dosing and minimise over- or under-dosing.
	14:45-15:00	Q&A

KSA Board Meeting (평의원회)

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Hall 4 *(Paradise City)*
Language	Korean

Artificial Intelligence 1

The Future of Perioperative Medicine: Data, AI & New Models of Care

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Yuhe Ke *(Singapore General Hospital, Singapore)* Boohwi Hong *(Chungnam National University, Republic of Korea)*	
Speaker(s)	09:00-09:25	**Agentic AI** Hyung-Chul Lee *(Seoul National University, Republic of Korea)* 1. Distinguish agentic AI-systems that plan, invoke tools and act over multiple steps-from the predictive and generative models that anesthesiologists have encountered so far, and explain why this distinction matters clinically. 2. Describe what an agentic system requires in order to operate in the perioperative environment: machine-accessible clinical and biosignal data, well-defined tools, and an execution boundary that constrains what the agent is permitted to do. 3. Evaluate realistic near-term applications across the surgical episode-preoperative assessment, intraoperative monitoring and postoperative follow-up-and identify which tasks are genuinely suited to delegation and which are not. 4. Appraise the safety, verification and governance problems that agentic AI introduces, and why autonomy without auditability is not acceptable at the bedside.
	09:25-09:50	**Advances in AI in Anesthesiology** Yingwei Wang *(Huashan Hospital, Fudan University, China)* 1. Understand the evolution of anesthesiology and the key features of the AI-driven era (Anesthesia 4.0) 2. Master the key clinical application scenarios of AI across the entire perioperative anesthesia management process 3. Understand the specific approaches of AI in empowering medical education simulation and clinical research 4. Identify and analyze the technical, ethical, and legal challenges facing AI translation in clinical anesthesia
	09:50-10:15	**Perioperative AI Chatbot** Yuhe Ke *(Singapore General Hospital, Singapore)* This session introduces PEACH, an AI-driven platform designed to optimize pre-operative risk stratification and clinic workflows through intelligent data synthesis. Attendees will explore the practical integration of large language models and retrieval-augmented generation into perioperative pathways. Finally, the lecture highlights essential clinical governance, validation methods, and safety frameworks required for successful real-world implementation.
	10:15-10:30	Q&A

Geriatric Anesthesia 1

Precision Anesthesia for the Aging Patient: Risk, Brain & Physiology

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Seokyung Shin *(Yonsei University, Republic of Korea)* Sungsik Park *(Kyungpook National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	Characteristics of EEG Changes Induced by Different Hypnotics in Elderly Patients Byung-Moon Choi *(University of Ulsan, Republic of Korea)* 1. Explain the basic concepts of processed EEG analysis, including sinusoidal decomposition, the Fourier transform, and power spectral analysis. 2. Recognize the characteristic spectral signatures of commonly used hypnotics — propofol, sevoflurane, remimazolam, ketamine, and dexmedetomidine — and the loss of frontoparietal feedback connectivity that is common to all of them. 3. Describe the age-related EEG changes — reduced alpha power, slowing of the peak alpha frequency, and a fragmented, less efficient network — and apply them when interpreting depth-of-hypnosis indices in elderly patients.
	11:25-11:50	Brain Health After Surgery: From Delirium to Long-Term Cognitive Outcomes Lis Evered *(University of Melbourne, Australia)* 1. Describe the spectrum of perioperative neurocognitive disorders, including postoperative delirium, delayed neurocognitive recovery, and longer-term postoperative neurocognitive disorders. 2. Identify key risk factors and mechanisms contributing to postoperative cognitive dysfunction, including pre-existing cognitive impairment, neuroinflammation, physiological vulnerability, and perioperative factors. 3. Evaluate the relationship between postoperative delirium and long-term cognitive outcomes, including persistent cognitive decline, dementia risk, and the challenges of establishing causality. 4. Discuss emerging approaches to identifying patients at risk, including cognitive assessment, neurophysiological monitoring, and blood-based biomarkers of neurodegeneration and neuronal injury. 5. Appraise evidence-based strategies to protect brain health throughout the perioperative period, including prehabilitation, delirium prevention, individualised anaesthetic care, and postoperative cognitive monitoring. 6. Explore future directions in perioperative brain health, including precision risk stratification, biomarker-guided interventions, and integrated care pathways to improve long-term cognitive outcomes.
	11:50-12:15	Sleep Disruption in Older Surgical Patients: Why It Matters More Than We Think Unjung Cho *(Inha University, Republic of Korea)* 1. Describe age-related changes in sleep. 2. Recognize commonly overlooked sleep disorders in older adults and their implications for perioperative management. 3. Explain how surgery disrupts sleep and its potential clinical implications.
	12:15-12:30	Q&A

Luncheon: HANLIM PHARM

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 5 *(Hyatt Regency)*	
Chair(s)	Byung Gun Lim *(Korea University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Fast, Safe, and Predictable: Sugammadex for Pediatric Neuromuscular Blockade Reversal Young-Eun Jang *(Seoul National University, Republic of Korea)* 1. 성인의 신경근차단, 신경근 모니터링 및 신경근차단 역전에 대한 기본 원칙을 이해한다. (Understand the basic principles of neuromuscular blockade, neuromuscular monitoring, and reversal of neuromuscular blockade in adults.) 2. 신생아와 영아를 포함한 2세 미만 소아에서 sugammadex의 효과와 안전성에 관한 최신 연구 결과와 EMA·FDA 허가사항의 변화를 이해한다. (Understand the latest evidence on the efficacy and safety of sugammadex in children younger than 2 years, including neonates and infants, as well as recent changes in EMA and FDA regulatory approvals.) 3. 소아 환자에서 ESAIC-ESPA 2025 가이드라인에 따라 신경근차단제를 적절히 사용하고 안전하게 역전할 수 있다. (Apply appropriate use of neuromuscular blocking agents and perform safe reversal in pediatric patients according to the 2025 ESAIC-ESPA guidelines.)

Obstetric Anesthesia 1

Advances & Innovations in Obstetric Anesthesia: Safety, Precision & Future Directions

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Katsuo Terui *(Saitama Medical Center, Saitama Medical University, Japan)* Yoon Ji Choi *(Korea University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Evidence-Based Update in Neuraxial Analgesia for Labor and Cesarean Delivery Sun-Kyung Park *(Yonsei University, Republic of Korea)* 1. Recognize and communicate effectively about intraoperative pain during cesarean delivery under neuraxial anesthesia. 2. Summarize new labor analgesia techniques and emerging adjuvants, including programmed intermittent epidural bolus, dural puncture epidural, and neuraxial dexmedetomidine. 3. Apply the updated PROSPECT recommendations for post-cesarean pain management.
	13:55-14:20	High-Risk Obstetric Anesthesia: Cardiovascular Disease, PAS, Severe Obesity and Geriatric Pregnancy Katsuo Terui *(Saitama Medical Center, Saitama Medical University, Japan)* 1. Learn the latest guidelines on the management of pregnant women with cardiovascular disease 2. Learn the updated definition, risk factors, and perioperative management of Placenta Accreta Spectrum 3. Learn the risks associated with severe obesity and advanced maternal age with their anesthetic implications
	14:20-14:45	Postpartum Hemorrhage: From Early Recognition to Patient Blood Management Yoon Ji Choi *(Korea University, Republic of Korea)* 1. Define and stage PPH severity 2. Identify at-risk patients and detect PPH early 3. Select and dose uterotonics with anesthesia-relevant pharmacology 4. Interpret ROTEM/TEG and guide goal-directed hemostatic therapy 5. Implement the E-MOTIVE bundle and lead MDT coordination 6. Compare guidelines and manage special populations
	14:45-15:00	Q&A

Neuroanesthesia 1

Enhancing Perioperative Care for Neurosurgery

Date / Time	Nov 5 (Thu) / 15:30-17:00	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Hee-Pyoung Park *(Seoul National University, Republic of Korea)* Lis Evered *(University of Melbourne, Australia)*	
Speaker(s)	15:30-15:55	Recent Developments in the Mechanism Underlying PND Bon-Nyeo Koo *(Yonsei University, Republic of Korea)* To understand postoperative delirium as an integrated neuroimmune process linking peripheral immune activation to central neuroinflammation, and to appraise its translational path from clinical risk factors through biomarkers to therapeutic targets.
	15:55-16:20	The Evolving Role of Intraoperative EEG Monitoring Jiho Park *(Chungnam National University, Republic of Korea)* 1. Explain why processed EEG indices summarize rather than measure brain state, and where that summary breaks down. 2. Recognize how the same target concentration or index value can correspond to different brain states depending on the patient's underlying vulnerability, the hypnotic agent, and the opioid dose. 3. Apply raw EEG and density spectral array patterns — alpha, slow-wave activity, and suppression — to individualize anesthetic depth rather than titrating to a single number.
	16:20-16:45	The Systems Neuroscience of Delirium: Brain Networks and Systems Miles Berger *(Stanford University School of Medicine, USA)* While the clinical signs of delirium are familiar to clinicians (the wandering gaze, the inattentive patient who falls asleep while talking, etc), the underlying brain network abnormalities that lead to these outward manifestations of delirium are less well understand. In this lecture, Dr Berger will provide an overview of our current understanding of how changes in brain network function, and in the structure and function of specific brain regions, lead to these clinical signs of delirium among our older patients.
	16:45-17:00	Q&A

Asia Anaesthesia Forum

Date / Time	Nov 5 (Thu) / 09:00-10:30	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Tae-Yop Kim *(Konkuk University, Republic of Korea)*	
Speaker(s)	09:00-09:25	Beyond the Numbers: Using Depth of Anesthesia Monitoring to Improve Patient Care Lian Kah Ti *(National University Hospital, Singapore)* 1. Understand what information is available beyond the processed EEG number 2. Know the clinical applications of EEG beyond awareness prevention 3. Appreciate other potential applications of EEG
	09:25-09:50	Advances in Perioperative Monitoring: From the Operating Room to Recovery Suraphong Lorsomradee *(Chiang Mai University, Thailand)* 1. Review recent advances in perioperative monitoring and explain their clinical relevance across the continuum of surgical care, from the operating room to postoperative recovery. 2. Interpret advanced hemodynamic, cerebral, and depth-of-anesthesia monitoring parameters to assess physiological status and guide individualized anesthetic management. 3. Integrate multimodal monitoring data, including arterial pressure waveforms, dynamic indices of fluid responsiveness, processed EEG, and cerebral oximetry, into clinical decision-making. 4. Apply monitoring-guided strategies to optimize tissue perfusion, oxygen delivery, and patient safety while reducing the risk of perioperative complications. 5. Develop a risk-adapted postoperative monitoring approach to facilitate early recognition of physiological deterioration and support safe, timely recovery.
	09:50-10:15	Recommendations for the Practice of TIVA for Appropriate Depth of Anesthesia Shigeki Yamaguchi *(Dokkyo Medical University, Japan)* 1. Anesthesiologists should acquire and maintain the necessary knowledge and skills to be able to administer TIVA properly. 2. To visualize and understand the pharmacokinetics of intravenous anesthetics in TIVA, use of real-time pharmacokinetic simulations is strongly recommended. 3. During TIVA, the depth of sedation/anesthesia must be assessed comprehensively using various parameters, rather than simply relying on a single EEG index.
	10:15-10:30	Q&A

Patient Safety 2

Contemporary Neuromuscular Blockade: New Evidence & Clinical Impact

Date / Time	Nov 5 (Thu) / 11:00-12:30	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Tae-Yun Sung *(Konyang University, Republic of Korea)* Ahyoung Oh *(Seoul National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	NMBA in Children: Insight from the Newly Published Guidelines Nicola Disma *(Istituto Giannina Gaslini, Italy)* 1. Explain the key recommendations of the newly published guidelines on neuromuscular blocking agents (NMBAs) in children. 2. Apply quantitative neuromuscular monitoring to guide NMBA administration and confirm adequate recovery before tracheal extubation in children. 3. Select an appropriate reversal strategy according to the depth of neuromuscular block and the individual patient.
	11:25-11:50	Impact of Neuromuscular Blockade Depth on Postoperative Inflammation Soowon Lee *(Seoul National University, Republic of Korea)* 1. Describe how neuromuscular blocking agents act at nicotinic acetylcholine receptors outside the neuromuscular junction. 2. Interpret the clinical evidence linking neuromuscular blockade to systemic inflammation, and explain why pharmacological effects are difficult to separate from those mediated by surgical conditions. 3. Appraise whether neuromuscular blockade-related inflammatory changes translate into postoperative outcomes such as delirium, pain, and cancer recurrence, and recognize the associative nature of the current evidence.
	11:50-12:15	Neuromuscular Monitoring: Does It Improve Patient Outcomes? Seok Kyeong Oh *(Korea University, Republic of Korea)* 1. Explain how neuromuscular monitoring can support safe and effective neuromuscular blockade during induction and tracheal intubation. 2. Describe how monitoring-guided neuromuscular blockade can optimize surgical conditions and potentially improve perioperative outcomes. 3. Discuss the role of neuromuscular monitoring in ensuring adequate recovery and reducing residual blockade and postoperative pulmonary complications.
	12:15-12:30	Q&A

Luncheon: Baxter & BORYUNG

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 6 *(Hyatt Regency)*	
Chair(s)	Sang Hyun Hong *(The Catholic University of Korea, Republic of Korea)*	
Speaker(s)	12:30-13:30	Desflurane Revisited: Is It Really Time to Phase It Out? Young Song *(Yonsei University, Republic of Korea)* 1. Reassess the environmental impact of desflurane beyond conventional GWP and CO_2-equivalent metrics. (기존 GWP 및 CO_2 환산량 지표를 넘어, desflurane의 실제 환경 영향을 재평가한다.) 2. Recognize the clinical advantages of desflurane, particularly its rapid and predictable recovery. (빠르고 예측 가능한 회복을 중심으로 desflurane의 임상적 장점을 이해한다.) 3. Evaluate current evidence on the safety and clinical outcomes of desflurane. (Desflurane의 안전성과 임상적 결과에 관한 최신 연구 근거를 평가한다.)

Research

Advancing Anesthesiology Research

Date / Time	Nov 5 (Thu) / 13:30-15:00	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Cheol Lee *(Wonkwang University, Republic of Korea)* Seongtae Jeong *(Chonnam National University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Clinical Applications of AI and Machine Learning in Anesthesiology Sabry Ayad *(Cleveland Clinic, USA)* 1. Define AI, machine learning, deep learning, and generative AI 2. Review major clinical and operational applications in anesthesiology 3. Evaluate the evidence, limitations, and implementation challenges 4. Identify opportunities for future research and clinical integration
	13:55-14:20	A 25-Year Journey in Basic Anesthesia Research: Lessons from My Laboratory Experience Ju-Tae Sohn *(Gyeongsang National University, Republic of Korea)* 1. What Were the Biggest Challenges? 2. What Was the Most Rewarding Part of My Journey? 3. What Failures Did I Experience? 4. What Would I Like to Share with the Next Generation?
	14:20-14:45	Beyond RCTs: Big Data, Registries, and Multicenter Collaboration-National Databases, International Registries, and Data Governance Tak Kyu Oh *(Seoul National University, Republic of Korea)* 1. Identify clinical questions that are difficult to address through randomized controlled trials and explain how large observational studies can complement trial evidence. 2. Critically evaluate the strengths and limitations of big-data research, focusing on study design, bias, and the validity of clinical inferences. 3. Describe practical approaches to accessing research databases and conducting multicenter and multi-database studies, including data harmonization, collaboration, and governance.
	14:45-15:00	Q&A

Pain Management 1

Modern Approaches to Cancer Pain Management

Date / Time	Nov 5 (Thu) / 15:30-17:00	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Hue Jung Park *(The Catholic University of Korea, Republic of Korea)* Pyung Bok Lee *(Seoul National University, Republic of Korea)*	
Speaker(s)	15:30-15:50	Ketamine and Cancer Pain Saba Javed *(University of Texas MD Anderson Cancer Center, USA)*
	15:50-16:10	Top 10 Tips for Interventional Pain Management in Palliative Care Chih-Peng Lin *(National Taiwan University Hospital, Taiwan)* 1. Integrate interventional procedures into palliative care to improve pain control, reduce systemic medication burden, and support patient goals. 2. Match neurolytic interventions to pain location and mechanism, including celiac plexus, superior hypogastric plexus, and ganglion impar procedures for selected cancer pain syndromes. 3. Individualize epidural and intrathecal analgesia according to prognosis, opioid tolerability, and available support for ongoing management. 4. Recognize additional treatment options, including vertebral augmentation, spinal cord stimulation, and botulinum toxin for appropriately selected patients.
	16:10-16:30	Advanced Neuromodulation Strategies for Cancer Pain Jee Youn Moon *(Seoul National University, Republic of Korea)* 1. Identify WHO and WHEN — Select appropriate patients and timing for neuromodulation in cancer pain. 2. Choose WHAT — Match advanced neuromodulation strategies to pain phenotype and clinical trajectory. 3. Decide HOW — Integrate evidence, efficacy, safety, and opioid-sparing considerations into individualized cancer pain management.
	16:30-16:50	Perioperative Implications of Methadone Saba Javed *(University of Texas MD Anderson Cancer Center, USA)*
	16:50-17:00	Q&A

Luncheon: KyongBo Pharm

Date / Time	Nov 5 (Thu) / 12:30-13:30	
Room	Hall 7 *(Hyatt Regency)*	
Chair(s)	Mi-Sook Gwak *(Sungkyunkwan University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Rethinking Multimodal Analgesia: From Opioid-Sparing to Surgical Recovery Kyung-Mi Kim *(University of Ulsan, Republic of Korea)*

Workshop 1

Pain Medicine Basic Nerve Block

Date / Time	Nov 5 (Thu) / 09:00-12:00
Room	Room A *(Paradise City)*
Language	Korean
Moderator(s)	Eun Joo Choi *(Seoul National University, Republic of Korea)*
Instructor(s)	So Young Lee *(Korea University, Republic of Korea)* Yongjae Yoo *(Seoul National University, Republic of Korea)* Jinyoung Oh *(Kyungpook National University, Republic of Korea)*

Workshop 3

US-Guided Peripheral Nerve Block

Date / Time	Nov 5 (Thu) / 14:00-17:00
Room	Room A *(Paradise City)*
Language	English
Moderator(s)	Hyungtae Kim *(University of Ulsan, Republic of Korea)*
Instructor(s)	Hyungtae Kim *(University of Ulsan, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)* Jung-Woo Shim *(The Catholic University of Korea, Republic of Korea)*

Abstract Presentation 1

Date / Time	Nov 5 (Thu) / 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Jae Hun Kim *(Konkuk University, Republic of Korea)* Seunguk Bang *(The Catholic University of Korea, Republic of Korea)*

Abstract Presentation 6

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Chang-Hoon Koo *(Seoul National University, Republic of Korea)* Woosuk Chung *(Chungnam National University, Republic of Korea)*

Abstract Presentation 11

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Chahyun Oh *(Chungnam National University, Republic of Korea)* Hee Young Kim *(Pusan National University, Republic of Korea)*

Abstract Presentation 2

Date / Time	Nov 5 (Thu) / 11:00-12:30
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Kyu Nam Kim *(Hanyang University, Republic of Korea)* Heeseung Lee *(Ewha Womans University, Republic of Korea)*

Abstract Presentation 7

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seok Kyeong Oh *(Korea University, Republic of Korea)* Hyung Gon Lee *(Chonnam National University, Republic of Korea)*

Abstract Presentation 12

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seung Hyun Kim *(Yonsei University, Republic of Korea)* Young Sung Kim *(Korea University, Republic of Korea)*

Abstract Presentation 3

Date / Time	Nov 5 (Thu) / 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)* Ahreum Cho *(Pusan National University, Republic of Korea)*

Abstract Presentation 8

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Sujin Baek *(Chungnam National University, Republic of Korea)* Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)*

Abstract Presentation 13

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Dong Kyu Lee *(Dongguk University, Republic of Korea)* Chung-Sik Oh *(Konkuk University, Republic of Korea)*

Abstract Presentation 4

Date / Time	Nov 5 (Thu) / 11:00-12:30
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Sung-Hoon Kim *(University of Ulsan, Republic of Korea)* Bon-Wook Koo *(Seoul National University, Republic of Korea)*

Abstract Presentation 9

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Tae-Yun Sung *(Konyang University, Republic of Korea)* Hyewon Oh *(Ewha Womans University, Republic of Korea)*

Abstract Presentation 14

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Aeryoung Lee *(Jeju National University, Republic of Korea)* Yoon Ji Choi *(Korea University, Republic of Korea)*

Abstract Presentation 5

Date / Time	Nov 5 (Thu) / 11:00-12:30
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Geunjoo Choi *(Chung-Ang University, Republic of Korea)* Young Sung Kim *(Korea University, Republic of Korea)*

Abstract Presentation 10

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Eunsoo Kim *(Pusan National University, Republic of Korea)* Seong-Soo Choi *(University of Ulsan, Republic of Korea)*

Abstract Presentation 15

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Sujin Baek *(Chungnam National University, Republic of Korea)* Hyo-Jin Byon *(Yonsei University, Republic of Korea)*

Workshop 2

ACDM (Anesthesia Common Data Model)

Date / Time	Nov 5 (Thu) / 09:00-12:00
Room	Room G *(Hyatt Regency)*
Language	Korean
Moderator(s)	Sang Gyu Kwak *(Daegu Catholic University, Republic of Korea)*
Instructor(s)	Seokyoung Song *(Daegu Catholic University, Republic of Korea)* Sang Gyu Kwak *(Daegu Catholic University, Republic of Korea)* Sang-Wook Lee *(University of Ulsan, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)* JunHyun Kim *(Inje University, Republic of Korea)* Tae Kyong Kim *(Seoul National University, Republic of Korea)* Chahyun Oh *(Chungnam National University, Republic of Korea)* Seohee Ko *(Yonsei University, Republic of Korea)*

Workshop 4

Basic Pharmacology

Date / Time	Nov 5 (Thu) / 14:00-17:00
Room	Room G *(Hyatt Regency)*
Language	Korean
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Instructor(s)	Gyujeong Noh *(University of Ulsan, Republic of Korea)* Byung-Moon Choi *(University of Ulsan, Republic of Korea)* Kyung-Mi Kim *(University of Ulsan, Republic of Korea)*

Meet the Expert 1

AI

Date / Time	Nov 5 (Thu) / 13:30-15:00
Room	Room H *(Hyatt Regency)*
Language	Korean
Facilitator(s)	Hyung-Chul Lee *(Seoul National University, Republic of Korea)* 1. Identify which questions in their own clinical practice are genuinely amenable to AI, and which are not. 2. Recognise the practical obstacles that determine whether a clinical AI project succeeds-data access and quality, IRB and governance, validation, and integration into existing workflow. 3. Formulate realistic first steps for starting an AI-related research or quality-improvement project within their own department.

Meet the Expert 2

Medical Devices & Funding

Date / Time	Nov 5 (Thu) / 15:30-17:00
Room	Room H *(Hyatt Regency)*
Language	Korean
Facilitator(s)	Sung-Hoon Kim *(University of Ulsan, Republic of Korea)* 1. Understanding the strategy of preparing and operating the R&D project (funding, team building and product management) 2. Introducing the experience of developing new kinds of medical devices (First-in-Class non-invasive acoustic monitoring system and AI-based SaMD) 3. 15 years of journey of Phonocardiopulmogram from Bench to bedside (animal model, human volunteer, clinical trials and KFDA approval) and related papers

Leadership

Beyond the Operating Room: Leadership in Anesthesiology

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Young-Tae Jeon *(Seoul National University, Republic of Korea)* Won Joo Choe *(Inje University, Republic of Korea)*	
Speaker(s)	09:00-09:25	Women's Leadership in Anesthesiology: A Global Perspective Carolina Haylock-Loor *(World Federation of Societies of Anaesthesiologists, Honduras)* 1. Describe the case for change: the global data and how women's leadership strengthens anaesthesia services and health outcomes. 2. Identify barriers and levers to women's progression. Mentorship or sponsorship. 3. Commit to action: Identify nine practical steps to improve gender equity in their own setting and commit to at least one personal action (sponsoring, mentoring or standing for leadership).
	09:25-09:50	Leading from Where You Are Ilok Lee *(Korea University, Republic of Korea)* "If you are already listening to others and pondering the direction forward with them, you are already walking the path of leadership. Your leadership begins the moment you share the burden of decision-making." Today, I am here to talk about my own journey as a leader: the mistakes I made, the hesitations I faced, and the moments I wanted to give up, as well as the lessons learned from overcoming those challenges.
	09:50-10:15	Leadership in Anaesthesia: the Unique Challenges and Possibilities Balavenkatasubramanian Jagannathan *(Ganga Medical Centre, Coimbatore, India)* Anaesthesiologists play an extremely crucial role in the Perioperative Period, Emergency room, Critical Care, High Dependency Unit, Trauma Resuscitation, Acute pain management, Chronic Pain Management. So, it is essential they also need to play Leadership roles within the department, their institution, in their region and contribute to global health and make their contributions visible This lecture gives certain insights into the possible verticals in which Anaesthesiologists have to channel their thoughts and acts to accomplish their aspirations and dreams.
	10:15-10:30	Q&A

Global Issues in Anesthesiology

Shaping the Future of Anesthesia: Global Challenges, Shared Values & Sustainability

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Dong Woo Han *(Yonsei University, Republic of Korea)* Jaehwan Kim *(Korea University, Republic of Korea)*	
Speaker(s)	11:00-11:25	Global Trends in Anesthesia and Strategies to Address Current Challenges Daniela Filipescu *(World Federation of Societies of Anaesthesiologists, Romania)* 1. Global anesthesiology focuses on improving patient safety and access to essential surgical and anesthetic care in the context of workforce shortage, insufficient funding and infrastructure, fragmented care, increased demand for high-risk populations, and systemic issues. 2. WFSA addresses the current challenges through education and training, collaboration and building regional and global anesthesiology networks, advocacy and sustainability initiatives.
	11:25-11:50	WFSA Shared Values Carolina Haylock-Loor *(World Federation of Societies of Anaesthesiologists, Honduras)* 1. Explain who WFSA is and how its values of universality, equity and safety shape global anaesthesia care. 2. Describe how unity, collaboration and respect are put into practice, and why anaesthesia is the backbone of health systems. 3. Commit to one action for KSA, such as engaging the ministry on ECO, joining AOLC or submitting ATOTW articles.
	11:50-12:15	The Carbon Footprint of Anesthesia: What Really Matters in 2026 Jeongrim Lee *(University of Iowa Carver College of Medicine, USA)* 1. Evaluate the current evidence on anesthesia's environmental impact and its limitations. 2. Discuss future directions for greener anesthesia practice.
	12:15-12:30	Q&A

Luncheon: Medtronic Korea

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 1 *(Paradise City)*	
Chair(s)	Dong Woo Han *(Yonsei University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Beyond the Number: From EEG Patterns to Clinical Decisions Young Song *(Yonsei University, Republic of Korea)* 1. Understand the meaning and clinical utility of raw EEG, DSA, and other monitoring parameters beyond the BIS number. (BIS 수치뿐 아니라 raw EEG, DSA 및 다양한 모니터링 지표의 의미와 활용법을 이해한다.) 2. Understand how EEG patterns and processed EEG indices vary with patient age and anesthetic agents. (환자의 연령과 마취제에 따른 EEG 패턴 및 processed EEG index의 차이를 이해한다.) 3. EEG monitoring to clinical decision-making and understand the evidence and limitations regarding postoperative outcomes. (EEG를 임상적 판단에 활용하고, 수술 후 예후와 관련된 근거 및 한계를 이해한다.)

Regional Anesthesia 2

Optimizing Regional Anesthesia: Duration, Techniques & Patient-Specific Approaches

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Ko Justin Sangwook *(Medical College of Wisconsin, USA)* Yong-Seon Choi *(Yonsei University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Analgesic Duration of Nerve Blocks: Is Longer Always Better? Ki Jinn Chin *(University of Toronto, Canada)* 1. Explain how nerve block duration relates to the postoperative pain trajectory and transitional ("rebound") pain. 2. Compare the benefits, limitations, and evidence for strategies that prolong peripheral nerve block analgesia. 3. Apply patient-, procedure-, and system-specific factors to determine when prolonged nerve blockade is clinically worthwhile.
	13:55-14:20	Abdominal Wall Blocks Updates: QL Block vs. TAP Block Seunguk Bang *(The Catholic University of Korea, Republic of Korea)* 1. Describe the key anatomical concepts and mechanisms underlying TAP and QL blocks. 2. Compare the clinical evidence for the analgesic efficacy of QL and TAP blocks. 3. Apply the evidence to select an appropriate block for different patients and surgical procedures.
	14:20-14:45	Regional Anesthesia in Obese Patients: Lessons Learned from East to West Ko Justin Sangwook *(Medical College of Wisconsin, USA)* 1. Recognize the anatomical, physiological, and technical challenges of performing regional anesthesia in patients with obesity. 2. Discuss the benefits and limitations of peripheral nerve blocks and neuraxial anesthesia in obese patients, with emphasis on block success, safety, and opioid-sparing analgesia. 3. Describe strategies to improve regional anesthesia success, including optimal patient positioning, ultrasound imaging techniques, appropriate equipment selection, and needle visualization. 4. Compare conventional and emerging ultrasound-guided regional anesthesia techniques, including TAP, subcostal TAP, EOI, QLB, ESPB, spinal, and epidural blocks, to guide individualized block selection. 5. Apply evidence-based approaches to minimize block failure and complications, considering local anesthetic dosing, altered anatomy, and patient-specific risk factors.
	14:45-15:00	Q&A

Perioperative Medicine 4

Updates in Perioperative Medicine

Date / Time	Nov 6 (Fri) / 15:30-17:00	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Kanji Uchida *(The University of Tokyo Hospital, Japan)* Sang-Hyun Kwak *(Chonnam National University, Republic of Korea)*	
Speaker(s)	15:30-15:55	**Updates in Lung-Protective Ventilation** Ho Geol Ryu *(Seoul National University, Republic of Korea)* Low tidal volume ventilation (6-8 mL/kg predicted body weight) remains the established cornerstone of perioperative lung protection, but 4 large clinical trials (PROVHILO, PROBESE, DESIGNATION, and IMPROVE-2) have shown that just adding high PEEP with recruitment maneuvers may not reduce postoperative pulmonary complications, even when titrated to the lowest driving pressure. As improved intra-operative mechanics do not directly lead to better clinical outcomes, current practice tends to favor a moderate level of PEEP with selective, hemodynamically cautious individualization in high-risk circumstances such as obesity, one-lung ventilation, and laparoscopic surgery. Other non-ventilator measures to consider include complete neuromuscular blockade reversal, balanced fluid therapy, targeted postoperative respiratory support, and prehabilitation with early mobilization.
	15:55-16:20	**Value-Based Care in Anesthesia and Critical Care** Azarinah Izaham *(Universiti Kebangsaan Malaysia, Malaysia)* 1. Define value and explain why it matters now: Articulate Porter's value equation (health outcomes that matter to patients ÷ cost across the full care cycle), and describe the forces driving change in healthcare: population ageing, waste, the climate footprint of care, and the shift in how care is paid for. 2. Recognise low-value care: Identify common low-value practices in anesthesia and critical care, and explain why removing them improves value without harming patients. 3. Compare value-based care in the West and in Asia: Describe how value-based care has been institutionalised in the USA, UK and Australia/New Zealand, and where Asian countries stand, including South Korea and Malaysia. 4. Explain why Choosing Wisely-type campaigns fade and what makes de-implementation last: Use the evidence and a local pre-operative experience. 5. Design a value-based improvement and understand its impact on anesthesiologists: Outline a 90-day plan to reduce one low-value practice you control, and describe how implementing value-based care changes our role, accountability and skills.
	16:20-16:45	**Seeing Is Believing: Video SAD and ETT with BB** Mingzhang Zuo *(Beijing Hospital, China)* 1. Tracing the historical evolution of airway management devices, airway management tools are developing toward full-process visualization in airway management. 2. The development of supraglottic airway devices (SGA) has progressed from first-generation SGA, to second-generation SGA, and then to third-generation SGA—namely, the video SGA(such as SaCo laryngeal Mask). The video laryngeal mask significantly improves the correct positioning rate of the laryngeal mask and reduces airway management-related complications. 3. The video endotracheal tube with bronchial blocker (BB) facilitates one-lung ventilation in thoracic surgery and similarly reduces the complications associated with double-lumen tubes (DLT). In summary, the video laryngeal mask and the video ETT with BB will promote safe airway.
	16:45-17:00	Q&A

Critical Care 2

Perioperative Risk & Decision-Making: From Hemodynamics to AI

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Choon Hak Lim *(Korea University, Republic of Korea)* Ganbold Lundeg *(Mongolian Society of Anaesthesiologists, Mongolia)*	
Speaker(s)	09:00-09:25	**Intraoperative Hypotension and AKI: What Really Matters?** Jeonghwan Lee *(Seoul National University, Republic of Korea)* 1. Describe the relationship between intraoperative hypotension and postoperative acute kidney injury, with particular attention to the magnitude and duration of hypotension. 2. Explain the physiological determinants of renal perfusion beyond mean arterial pressure—including cardiac output, renal blood flow and oxygen delivery, venous congestion, intra-abdominal pressure, and renal autoregulation—and how they modify the kidney's vulnerability to hypotension. 3. Critically appraise the discrepancy between observational associations and randomized trial results, including recent trials of higher or individualized intraoperative MAP targets, and explain why reducing hypotension exposure has not consistently reduced AKI. 4. Apply an individualized hemodynamic approach to the prevention of perioperative AKI, integrating blood pressure targets with volume status, cardiac function, and the underlying cause of hypotension.
	09:25-09:50	**Therapeutic Role of Corticosteroids in Refractory Shock and Critical Care** David Mazer *(University of Toronto, Canada)* 1. Review vasopressor resistant hypotension and acute hypoxic respiratory failure, including potential role of corticosteroids in their treatment 2. Discuss various corticosteroid drugs and guidelines recommending their use 3. Review controversial areas, ongoing research and emerging evidence related to corticosteroid use in critical illness and refractory shock, including regimens with fludrocortisone
	09:50-10:15	**AI Prediction in Perioperative Care: Are We Ready for Clinical Use?** Ji Hyun Cha *(Sungkyunkwan University, Republic of Korea)* 1. Review current AI applications in perioperative and critical care, focusing on risk prediction and clinical decision-support systems. 2. Identify key barriers to real-world clinical implementation of AI. 3. Discuss what is needed to make AI clinically actionable and reliable.
	10:15-10:30	Q&A

Thoracic Anesthesia 1

Updates in Thoracic Anesthesia

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Albert Perrino *(Yale School of Medicine, USA)* Jae-Hyon Bahk *(Seoul National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	The Silent Killer in the Operating Room: Auto-PEEP as a Culprit of Intraoperative Crisis Hyun Joo Ahn *(Sungkyunkwan University, Republic of Korea)* 1. What is auto-PEEP? 2. Risk factors of developing auto-PEEP. 3. How to measure auto-PEEP? 4. Optimal external PEEP when the auto-PEEP exists.
	11:25-11:50	Oxygen and One-Lung Ventilation: How Much Is Enough or Too Much? Wanda Popescu *(Yale School of Medicine, USA)* 1. Discuss physiology and pathophysiology of one lung ventilation 2. Evaluate the impact of high FiO2 in thoracic surgery on outcomes 3. Develop a rational strategy of FiO2 management during thoracic surgery
	11:50-12:15	Enhanced Recovery in Thoracic Surgery: Current Updates and Practical Implications Susie Yoon *(Seoul National University, Republic of Korea)* 1. Summarize the key recommendations of the ERAS Society and ESTS guidelines for lung surgery, and identify the new evidence that has emerged since their publication. 2. Describe how intraoperative anesthetic strategies, including lung protective ventilation, regional analgesia techniques, and individualized fluid management, contribute to reducing postoperative pulmonary complications and accelerating recovery. 3. Apply a practical framework for implementing and auditing an enhanced recovery pathway at their own institution, with specific strategies to improve protocol compliance across the perioperative team.
	12:15-12:30	Q&A

Luncheon: Masimo

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 2 *(Paradise City)*	
Chair(s)	Daekee Choi *(University of Ulsan, Republic of Korea)*	
Speaker(s)	12:30-13:30	Rethinking the Value of Non-Invasive Monitoring in Anesthesia: From Trending to Early Warning with ORi Jeong-Hyun Choi *(Kyung Hee University, Republic of Korea)* 1. Recognize the value and limitations of non-invasive monitoring in anesthesia. 2. Understand the clinical importance of trending and early warning beyond absolute accuracy. 3. Explore the role of ORi in oxygen reserve monitoring, early warning, and its potential future applications.

Transplantation Anesthesia 2

Current Concepts in Transplant Anesthesia & Perioperative Care

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Gyu-Sam Hwang *(University of Ulsan, Republic of Korea)* Sung Uk Choi *(Korea University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Perioperative Management of Patients Undergoing Kidney Transplantation for Better Outcomes Dieter Adelmann *(University of California San Francisco, USA)* Kidney transplantation is the most common solid organ transplant worldwide, yet its perioperative anesthetic care remains strikingly variable with little standardization. This talk walks through the existing evidence base for intraoperative management, fluid choice and volume, blood pressure and hemodynamic targets, vasopressor selection, and transfusion. It uses national survey and multicenter data to show that much of current practice is driven by the institution rather than by patient characteristics. It closes with practical steps centers can take to standardize care and improve graft outcomes.
	13:55-14:20	OR to ICU Handoffs Following High-Risk Surgery Jay G. Shake *(University of Mississippi Medical Center, USA)* 1. Recognize OR-to-ICU handoffs as a high-risk transition of care. 2. Identify the core elements of an effective OR-to-ICU handoff. 3. Describe the evolution of structured OR-to-ICU handoff in congenital cardiac surgery. 4. Summarize the evidence that structured handoff protocols can improve communication, reduce information omissions and technical errors, and improve clinical outcomes. 5. Apply practical strategies for implementing a standardized multidisciplinary OR-to-ICU handoff. 6. Recognize the broader applicability for structured perioperative handoffs beyond congenital cardiac surgery to include other high-risk surgical populations.
	14:20-14:45	Precision Hemodynamic and Transfusion Management in Liver Transplantation Hyunyoung Seong *(Korea University, Republic of Korea)* 1. Explain the phase-specific hemodynamic challenges of liver transplantation and assess fluid responsiveness, tissue perfusion, and venous congestion using relevant physiologic and hemodynamic parameters. 2. Apply an individualized fluid management strategy that maintains effective circulating volume and organ perfusion while minimizing bleeding, fluid overload, and graft or end-organ congestion. 3. Integrate viscoelastic testing, clinical bleeding assessment, and patient-specific transfusion thresholds to guide goal-directed administration of red blood cells, plasma, platelets, fibrinogen, and other hemostatic therapies.
	14:45-15:00	Q&A

Cardiovascular Anesthesia 2

Perioperative Management of Pulmonary Hypertension: From Risk Stratification to Rescue

Date / Time	Nov 6 (Fri) / 15:30-17:00	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	André Denault *(University of Montreal, Canada)* Hasmizy Bin Muhammad *(Sarawak Heart Centre, Malaysia)*	
Speaker(s)	15:30-15:55	Pulmonary Hypertension and the Right Ventricle in Lung Resection Surgery: How Do We Manage It Safely? Wanda Popescu *(Yale School of Medicine, USA)* 1. Determine Pulmonary hypertension disease phenotype 2. Preoperative risk assessment 3. Multidisciplinary team planning 4. Preoperative hemodynamic optimization 5. Intraoperative management
	15:55-16:20	Understanding the Right Heart in Pulmonary Hypertension: RV-PA Coupling and Beyond Jong Hwan Lee *(Sungkyunkwan University, Republic of Korea)* By the end of my lecture, the audience will understand the concept and importance of right ventricular-pulmonary arterial coupling and ventricular interdependence, and will also be able to apply these concepts to the anesthesia of patients with pulmonary hypertension.
	16:20-16:45	Advanced Hemodynamic Monitoring in Pulmonary Hypertension: From Echo to Venous Doppler André Denault *(University of Montreal, Canada)* 1. Classify severity of pulmonary hypertension 2. Describe the physiology as it applies to patients with pulmonary hypertension 3. How to diagnose or suspect pulmonary hypertension using echocardiography and venous Doppler 4. Develop pre-operative, intra-operative, and post-operative strategies to successfully monitor and manage patients with pulmonary hypertension.
	16:45-17:00	Q&A

Ambulatory Anesthesia 1

Modern Ambulatory Anesthesia: Safety, Monitoring & Enhanced Recovery

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Xavier Falières *(Albert Schweitzer Hospital, Netherlands)* Batgombo Natsagdorj *(Intermed Hospital, Mongolia)*	
Speaker(s)	09:00-09:25	**Emergency Preparedness in Ambulatory Surgery and at the Operating Room: Crisis Management and Teamwork** Xavier Falières *(Albert Schweitzer Hospital, Netherlands)* 1. Frame emergency preparedness in ambulatory surgery as an integrated pathway — prevent, recognize, rescue, transfer — matched to the facility's real rescue capacity. 2. Apply a standardized first-response approach to time-critical emergencies (airway, anaphylaxis, LAST, malignant hyperthermia, cardiac arrest, bleeding), with early role allocation and cognitive aids. 3. Manage PACU rescue, discharge, and transfer as governance decisions supported by standardized criteria, SBAR handover, and team training.
	09:25-09:50	**Hemodynamic Monitoring and ERAS in Ambulatory Surgery** Suraphong Lorsomradee *(Chiang Mai University, Thailand)* 1. Explain the role of hemodynamic monitoring in maintaining cardiovascular stability and tissue perfusion during ambulatory surgery. 2. Interpret relevant hemodynamic parameters, including arterial pressure, dynamic indices of fluid responsiveness, and cardiac output, to guide individualized perioperative fluid and vasoactive therapy. 3. Apply goal-directed hemodynamic management strategies to minimize fluid overload, hypovolemia, and hemodynamic instability while supporting early postoperative recovery. 4. Integrate hemodynamic optimization with ERAS principles to reduce postoperative complications, facilitate early mobilization, and improve readiness for discharge. 5. Develop a risk-adapted perioperative management approach that balances effective monitoring, rapid recovery, and patient safety in ambulatory surgery.
	09:50-10:15	**Pain Management in the Ambulatory Anesthesia Setting** Stanley Wong *(University of Hong Kong, Hong Kong, China)* 1. Understand why good pain control is important in ambulatory surgery 2. Describe a procedure-specific, opioid-sparing multimodal analgesic regimen for day-case patients. 3. Critically appraise the evidence for ways to enhance peripheral nerve blocks 4. Recognise, prevent and manage rebound pain after a regional block wears off in day-case patients. 5. Be able to integrate a perioperative analgesic regimen into an ambulatory enhanced-recovery pathway that enables safe same-day discharge
	10:15-10:30	Q&A

Geriatric Anesthesia 2

Protecting the Vulnerable Patient: Perioperative Care in the Elderly

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Wonkyoung Kwon *(Konkuk University, Republic of Korea)* Dowon Lee *(Pusan National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	**Does Excessive Anesthetic Dosage Cause Delirium, or Is This the Wrong Question?** Miles Berger *(Stanford University School of Medicine, USA)* A considerable literature has debated whether EEG guided anesthetic titration reduces delirium and postoperative cognitive deficits, with high quality studies that both support and refute the idea that excessive anesthetic dosage plays in a role in leading to increased delirium rates. In this talk, Dr Berger will discuss new evidence that rather than a sign of excessive anesthetic dosage, the appearance of EEG burst suppression and low EEG alpha power in response to inhaled anesthetics and propofol infusions may instead reflect specific underlying brain abnormalities that are themselves responsible for the increased delirium risk seen in patients with the EEG patterns. In other words, this lecture will discuss the view that general anesthesia can be viewed as a "stress test" for the aging brain, which unmasks latent age-related deficits in brain structure and function, similar to the way an exercise treadmill test do not "cause" coronary artery disease, but instead can be useful tools to unmask and detect latent (ie previously unmeasured) coronary artery disease.
	11:25-11:50	**Intraoperative Hypothermia: Why It Matters** Chung-Sik Oh *(Konkuk University, Republic of Korea)* Why is temperature management important in elderly patients? Let's explore the vulnerabilities in temperature regulation that elderly patients have compared with younger patients, and how anesthesia teams respond to them.
	11:50-12:15	**Perioperative Care for the Old Heart and Vessels** Seokyoung Song *(Daegu Catholic University, Republic of Korea)* 1. Explain how loss of cardiovascular reserve and variable cerebral autoregulation reduce haemodynamic tolerance in the older surgical patient. 2. Apply the 2024 ACC/AHA guideline to preoperative risk assessment, distinguishing COR 2a from COR 2b recommendations. 3. Appraise the randomized evidence on intraoperative blood pressure targets and defend a practical haemodynamic plan.
	12:15-12:30	Q&A

Luncheon: Hana Pharm Co.,Ltd.

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 3 *(Paradise City)*	
Chair(s)	Seong-Hyop Kim *(Konkuk University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Rethinking TIVA: Where Does Remimazolam Fit in Current Practice? Jin-Woo Park *(Seoul National University, Republic of Korea)* 1. Apply practical infusion and TCI strategies for remimazolam TIVA. 2. Assess anesthetic depth using processed EEG, DSA, and clinical signs. 3. Recognize the strengths and limitations of remimazolam TIVA and select appropriate patients.

Ambulatory Anesthesia 2

Ambulatory Anesthesia 2.0: Safety, Efficiency & Patient-Centered Care

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Hong Soo Jung *(The Catholic University of Korea, Republic of Korea)* Chae Seong Lim *(Chungnam National University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Sedation by Non-Anesthesiologists in Simple and Complex Procedures: Governance, Supervision, and Training Xavier Falières *(Albert Schweitzer Hospital, Netherlands)* 1. Outline the governance framework for sedation by non-anesthesiologists — credentialing and privileging, institutional policy, and the legal and accreditation basis (national regulations and JCI standards) that define scope of practice. 2. Describe direct versus indirect supervision models and the anesthesiologist's role in patient selection, protocol design, and escalation — including how a formally trained sedation practitioner can deliver moderate-to-deep sedation under indirect supervision. 3. Define the training, competency, monitoring, and quality-assurance requirements that make non-anesthesiologist sedation safe, and how — with that structure — it can extend to high-risk patients and complex procedures such as ERCP and EBUS.
	13:55-14:20	Navigating the Landscape of Ambulatory Anesthesia in Korea: Challenges and Strategic Solution Junghee Ryu *(Seoul National University, Republic of Korea)* 1. Outline the extent and the conditions under which hospital outpatient department is utilized in Korea 2. Enlist different challenges encountered in providing ambulatory anesthesia in healthcare system 3. Explain different mitigation strategies we can use to overcome challenges with ambulatory anesthesia
	14:20-14:45	Maximizing Pathways for Outpatient Arthroplasty Alberto Ardon *(Mayo Clinic, USA)* 1. Understand the overarching goals of same-day discharge arthroplasty 2. Discuss how to risk stratify patients 3. Review how to prevent the most common causes of pathway failure 4. Describe the influence of anesthesia choice on outcomes
	14:45-15:00	Q&A

Pain Management 2

From Acute to Chronic: Contemporary Management of Postsurgical Pain

Date / Time	Nov 6 (Fri) / 15:30-17:00	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Woo Seog Sim *(Sungkyunkwan University, Republic of Korea)* Timmy Chi-Wing Chan *(Queen Mary Hospital, Hong Kong, China)*	
Speaker(s)	15:30-15:55	**Building a Profitable Pain Practice** Naveen Malhotra *(Aas Pain Management Centre, India)* The talk will focus on excellence in academics, clinics & research in chronic pain practice, work-life balance and financial aspects. The details on how anaesthesiologists can start a pain practice, master MIPSI, build a career in Pain Medicine and become successful Pain Physicians will be discussed.
	15:55-16:20	**Chronic Postsurgical Pain: Why Does Acute Postsurgical Pain Become Chronic?** Siwook Chung *(The Catholic University of Korea, Republic of Korea)* 1. Describe the key mechanisms involved in the transition from acute postoperative pain to chronic postsurgical pain, including peripheral and central sensitization. 2. Identify major patient-, surgery-, and pain-related risk factors associated with the development of chronic postsurgical pain. 3. Evaluate current evidence on perioperative interventions aimed at preventing the transition from acute to chronic postsurgical pain.
	16:20-16:45	**Interventional Management of Chronic Postsurgical Pain** Jae Hun Kim *(Konkuk University, Republic of Korea)* 1. Identify the incidence rates and clinical characteristics of chronic pain following various surgeries 2. Understand the mechanisms and clinical application methods of nerve blocks, adhesiolysis, radiofrequency ablation (RFA), and pulsed radiofrequency (PRF) therapy 3. Assess the indications and efficacy of advanced interventional neuromodulation therapies—such as peripheral nerve stimulation (PNS), spinal cord stimulation (SCS), dorsal root ganglion (DRG) stimulation, and intrathecal drug delivery pumps—for patients with refractory chronic postsurgical pain.
	16:45-17:00	Q&A

Airway Management

Airway Management 2026

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 4 *(Paradise City)*	
Language	Korean ***(AI English Translation)***	
Chair(s)	Chul Ho Chang *(Yonsei University, Republic of Korea)* Seungwoo Ku *(University of Ulsan, Republic of Korea)*	
Speaker(s)	09:00-09:25	**The Unsecured Airway: Managing the Airway in Monitored Anesthesia Care** Geunjoo Choi *(Chung-Ang University, Republic of Korea)*
	09:25-09:50	**Tips for Difficult Airway Management** Jae-Hyon Bahk *(Seoul National University, Republic of Korea)* 1. 자신에게 맞는 DA technique(s)을 연마해야 한다. 2. DA management techniques과 protocol은 무한한 변형이 가능하다는 점을 이해해야 한다. 3. DA guidelines을 참고하여 여건에 맞는 DA management protocol을 고안할 수 있어야 한다.
	09:50-10:15	**High-Flow Oxygenation for Airway Management** Dong Kyu Lee *(Dongguk University, Republic of Korea)* 1. Explain the physiological mechanisms of high-flow nasal oxygenation during airway management. 2. Identify clinical situations in which high-flow oxygenation may improve oxygenation and prolong safe apnea time. 3. Recognize the limitations of high-flow oxygenation and integrate it appropriately into difficult airway management.
	10:15-10:30	Q&A

Anesthesiology & Physiology

New Frontiers in Pain Mechanisms & Therapeutics

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 4 *(Paradise City)*	
Language	English	
Chair(s)	Sung Joon Kim *(Seoul National University, Republic of Korea)* Jin Woo Shin *(University of Ulsan, Republic of Korea)*	
Speaker(s)	11:00-11:25	Immune Drivers of Osteoarthritic Pain Rafael Taeho Han *(Korea Institute of Science and Technology, Republic of Korea)* 1. Inflammatory landscapes of osteoarthritis (OA) vs. RA and acute sport knee injury 2. Distinct immune-neuro crosstalk in OA 3. Modeling nociceptive circuits using Human DRG array
	11:25-11:50	The Role of Epiduroscopy in Lumbar Spine Diseases Hyung Gon Lee *(Chonnam National University, Republic of Korea)* 1. To familiar with the epiduroscopic procedure 2. To understand the diagnostic role of epiduroscopy 3. To understand the therapeutic role of epiduroscopy
	11:50-12:15	New Molecular Targets for Pain Relief: From Transcription Factors to Neuromodulatory Peptides Chul-Kyu Park *(Gachon University, Republic of Korea)* 1. To understand how intrinsic pain modulation mechanisms become dysfunctional in chronic pain states, with a focus on impaired GABAergic inhibition and altered ion channel function in the peripheral and central nervous systems. 2. To evaluate the therapeutic potential of the transcription factors Ascl1 and Lhx6 as a gene therapy strategy for diabetic neuropathic pain, based on their capacity to restore presynaptic GABAergic function and suppress neuroinflammation. 3. To recognize GLP-1 and its derived peptides as emerging analgesic candidates that relieve pain through direct TRPV1 inhibition, without the thermoregulatory side effects that have limited conventional TRPV1 antagonists.
	12:15-12:30	Q&A

Luncheon: Pharmbio Korea Inc.

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 4 *(Paradise City)*	
Chair(s)	Byung Gun Lim *(Korea University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Clinical Efficacy and Safety Profile of Oliceridine: Biased μ-opioid Receptor Agonist Hyosung Kim *(Korea University, Republic of Korea)* 1. Understand the clinical and economic burdens associated with conventional IV opioid-related adverse events (ORAEs), such as respiratory depression, nausea, and vomiting, in postoperative pain management. 2. Evaluate the distinct mechanism of action and the latest global and Korean clinical evidence for oliceridine, a G protein-biased mu-opioid receptor agonist. 3. Establish practical protocols for the safe and effective clinical use of oliceridine, including initial loading doses, patient-controlled analgesia (PCA) settings, patient monitoring, and management of special populations.

Medical Policy & Reimbursement

마취통증의학과의 상대가치 수가 개편과 필수·지역의료 생존 전략

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 4 *(Paradise City)*	
Language	Korean ***(AI English Translation)***	
Chair(s)	Sung Yong Park *(Ajou University, Republic of Korea)* JunHeum Yon *(Inje University, Republic of Korea)*	
Speaker(s)	13:30-13:50	한국 심장마취 전문인력 현황: 불편한 진실 Choon Hak Lim *(Korea University, Republic of Korea)* 1. Understand objective indicators of the cardiac anesthesia workforce, including age distribution, workload, and declining recruitment of new specialists 2. Explore policy and professional society-level strategies to address the cardiac anesthesia workforce crisis
	13:50-14:10	현정부의 지역필수공공의료정책 방향 Hyungwoo Koh *(Ministry of Health and Welfare, Republic of Korea)* The purpose is to explain the regional essential and public healthcare policy announced by the current government in July and to help people better understand the policy. In particular, the aim is to ensure that healthcare professionals have a clear understanding of the policy so that they can effectively contribute to the delivery of essential and public healthcare services in their respective regions.
	14:10-14:30	지역 의료 살리기 위한 공공의료기관 활용 방안 Anna Choi *(Gangneung Medical Center, Republic of Korea)* 1. Understand the current challenges of regional healthcare and the underutilization of facilities, equipment, and medical workforce in public healthcare institutions. 2. Explore strategies and policy measures to strengthen regional healthcare through collaboration between public and private healthcare institutions.
	14:30-14:50	지역 필수의료와 지역·필수·공공에서 마취통증의학과의 현황 및 역할 Jiuk Yoon *(Pusan National University, Republic of Korea)* 1. 수도권에 비해 상대적으로 열악한 지역의료에서의 마취통증의학과 공급 현황 2. 지역, 필수, 공공의료에 필수적인 마취통증의학과에 대한 정부지원의 필요성
	14:50-15:00	Panel Discussion, Q&A

General Assembly

Date / Time	Nov 6 (Fri) / 15:30-16:00
Room	Hall 4 *(Paradise City)*
Language	English

Artificial Intelligence 2

AI in Anesthesiology: From Hype to Clinical Reality

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Sabry Ayad *(Cleveland Clinic, USA)* Sang-Wook Lee *(University of Ulsan, Republic of Korea)*	
Speaker(s)	09:00-09:25	AI in Anesthesia Research Sabry Ayad *(Cleveland Clinic, USA)* 1. Explain the fundamentals of AI in anesthesia research Define key AI concepts—including machine learning, large language models, and trajectory modeling—and describe their potential applications in perioperative research. 2. Identify opportunities to use AI in clinical-trial operations Describe how AI can support protocol development, participant screening, consent preparation, adverse-event monitoring, and clinical-trial data-quality assessment. 3. Evaluate the design of AI-related clinical studies Differentiate retrospective replay, external validation, prospective silent evaluation, and clinical impact studies, and explain the strengths and limitations of each approach. 4. Recognize the value of physiologic trajectories and waveform data Explain how high-frequency perioperative waveforms and longitudinal physiologic trajectories may support earlier detection of clinical deterioration and generate new research questions.
	09:25-09:50	Intelligence-Based Perioperative Medicine: AI-Driven Clinical Applications Davy Cheng *(The Chinese University of Hong Kong, Shenzhen, China)* 1. Introduction of AI in Healthcare 2. To Discuss AI-Driven Clinical Applications in Anesthesiology & Perioperative Medicine 3. To Discuss the Perils of AI in Healthcare
	09:50-10:15	The Pitfalls and Promises of AI in Anesthesia Patient Safety Emily Methangkool *(University of California Los Angeles, USA)* 1. Define artificial intelligence and how it can be used in modern anesthesiology practice 2. Identify potential opportunities for artificial intelligence and technology to improve anesthesia patient safety 3. Discuss potential risks of artificial intelligence and technology to anesthesia patient safety
	10:15-10:30	Q&A

Obstetric Anesthesia 2

Pain Management in Obstetrics

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Woo-Jong Choi *(University of Ulsan, Republic of Korea)* Aeryoung Lee *(Jeju National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	ERAS for Cesarean Delivery: Multimodal, Opioid-Sparing, and Functional Recovery Optimization Katsuo Terui *(Saitama Medical Center, Saitama Medical University, Japan)* 1. Learn the updated ERAS guideline and PROSPECT guideline for cesarean delivery and the reason for update 2. Learn the benefit and practice of multimodal, opioid-sparing analgesia and its effect on functional recovery after cesarean delivery 3. Discuss real world data on ERAC implementation
	11:25-11:50	Current Status and Implementation Strategies of Labor Analgesia in China Mingjun Xu *(Capital Medical University, China)* 1. Current Status of Labor Analgesia in China 2. Implementation Strategies of Labor Analgesia in China including 10 measures
	11:50-12:15	Optimizing Labor Analgesia: Current Evidence and Practical Updates Seokha Yoo *(Seoul National University, Republic of Korea)* 1. Review current evidence on neuraxial and intravenous labor analgesia. 2. Discuss practical updates and ongoing controversies in contemporary labor analgesia. 3. Apply evidence-based strategies to optimize labor analgesia for individual patients.
	12:15-12:30	Q&A

Luncheon: Becton Dickinson Korea

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 5 *(Hyatt Regency)*	
Chair(s)	Gyu-Sam Hwang *(University of Ulsan, Republic of Korea)*	
Speaker(s)	12:30-13:30	From Reactive to Proactive: Clinical Utility of the Hypotension Prediction Index in Perioperative Care Bon-Nyeo Koo *(Yonsei University, Republic of Korea)* By the end of this lecture, participants will be able to explain how the Hypotension Prediction Index uses arterial waveform analysis to predict intraoperative hypotension before it occurs. They will critically appraise the current evidence, including why clinical trial results have been inconsistent. Finally, they will apply a practical response algorithm after an HPI alert, using secondary screen parameters to choose between fluid, vasopressor, and inotrope therapy.

Pediatric Anesthesia 1

Advancing Pediatric Anesthesia: Evidence, Safety & High Reliability

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Byung Gun Lim *(Korea University, Republic of Korea)* Jeongrim Lee *(University of Iowa Carver College of Medicine, USA)*	
Speaker(s)	13:30-13:55	Pediatric Airway Management: An Update on the Current Evidence Nicola Disma *(Istituto Giannina Gaslini, Italy)* 1. Identify current evidence-based approaches to airway assessment and preparation in children. 2. Apply appropriate strategies for managing expected and unexpected difficult pediatric airways, including device selection and algorithm application. 3. Recognize and manage airway-related complications while optimizing oxygenation and first-attempt success.
	13:55-14:20	First-Line Inotropes in Pediatrics: Which Drug and Why? In-Kyung Song *(University of Ulsan, Republic of Korea)* 1. Review the characteristics of inotropic agents in children. 2. Discuss the clinical rationale for selecting specific inotropes in pediatric patients. 3. Determine the most suitable first-line inotrope for targeted hemodynamic support.
	14:20-14:45	Toward High Reliability in Anesthesia: Insights from Pediatric Practice Jeongrim Lee *(University of Iowa Carver College of Medicine, USA)* 1. Describe the evolution of patient safety concepts, from error prevention and retrospective analysis to Safety-II, resilience engineering, and proactive system design. 2. Explain how human adaptability, teamwork, and organizational learning contribute to maintaining safety in complex and dynamic clinical environments. 3. Discuss how insights from pediatric anesthesia can inform the development of high-reliability systems that anticipate, absorb, and recover from unexpected challenges.
	14:45-15:00	Q&A

Neuroanesthesia 2

Modern Neuroanesthesia & Perioperative Brain Health

Date / Time	Nov 6 (Fri) / 15:30-17:00	
Room	Hall 5 *(Hyatt Regency)*	
Language	English	
Chair(s)	Miles Berger *(Stanford University School of Medicine, USA)* Kuang-I Cheng *(Kaohsiung Medical University, Taiwan Society of Anesthesiologists, Taiwan, China)*	
Speaker(s)	15:30-15:55	Preventing Perioperative Stroke: What Really Matters? Woosuk Chung *(Chungnam National University, Republic of Korea)* 1. To understand the significance of perioperative stroke in aging patients. 2. To review recent updates regarding significance of anesthetic care regarding perioperative stroke.
	15:55-16:20	From Intraoperative Brain Monitoring to Postoperative Brain Recovery Lis Evered *(University of Melbourne, Australia)* 1. Understand the role of intraoperative brain monitoring in assessing brain function during anaesthesia, including the principles and clinical applications of processed and raw electroencephalography (EEG). 2. Identify intraoperative markers of brain vulnerability, including EEG suppression, altered brain oscillations, and age-related changes in neurophysiological responses to anaesthesia. 3. Evaluate the evidence linking intraoperative brain activity to postoperative neurological outcomes, particularly postoperative delirium, delayed neurocognitive recovery, and longer term cognitive decline. 4. Critically appraise the evidence for EEG-guided anaesthesia, including its potential to optimise anaesthetic management, reduce postoperative delirium, and improve cognitive outcomes.
	16:20-16:45	Neuro-ICU for the Anesthesiologists Sang Bae Ko *(Seoul National University, Republic of Korea)* 1. Neuromonitoring pitfalls in Comatose patients. 2. Non-invasive monitoring tools for cerebral blood flow 3. Quantitative assessment of brain swelling and edema
	16:45-17:00	Q&A

KJA Session

Date / Time	Nov 6 (Fri) / 09:00-10:30	
Room	Hall 6 *(Hyatt Regency)*	
Language	Korean *(AI English Translation)*	
Chair(s)	Francis Nahm *(Seoul National University, Republic of Korea)*	
Speaker(s)	09:00-09:30	From Theory to Practice: Handling Missing Data in ITT and Per-Protocol Analysis Hyun Kang *(Chung-Ang University, Republic of Korea)* 1. Understand the concepts and distinctions among intention-to-treat (ITT), as-treated (AT), and per-protocol (PP) analysis principles in randomized controlled trials. 2. Distinguish the mechanisms of missing data (MCAR/MAR/MNAR) and learn appropriate handling methods, including multiple imputation and sensitivity analysis. 3. Understand strategies for handling intercurrent events based on the ICH E9(R1) estimand framework, and learn how to select and apply ITT versus PP according to trial design (superiority, non-inferiority, equivalence).
	09:30-10:00	Practical Approaches to Missing Data in ITT and Per-Protocol Analysis Eunjin Ahn *(Chung-Ang University, Republic of Korea)* 1. Apply ITT, modified ITT, per-protocol, and as-treated approaches to practical clinical trial scenarios. 2. Compare and interpret different analysis approaches in superiority and non-inferiority trials using real-world examples. 3. Select appropriate strategies for handling missing data and evaluate the robustness of study conclusions when missing data are substantial.
	10:00-10:30	Q&A

Publication 1

AI & Publication: Pros & Cons

Date / Time	Nov 6 (Fri) / 11:00-12:30	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Younsuk Lee *(Dongguk University, Republic of Korea)* James Rathmell *(Editor-in-Chief of Anesthesiology, Harvard Medical School, USA)*	
Speaker(s)	11:00-11:20	[PRO] AI as a Writing Partner: Enhancing Scientific Manuscripts Hyun-Chang Kim *(Yonsei University, Republic of Korea)* 1. Recognize current LLM adoption trends in scientific writing. 2. Apply LLMs to polish language and draft Methods/Results sections. 3. Evaluate AI-generated writing against benchmarking evidence. 4. Follow journal policies when disclosing AI use.
	11:20-11:40	[CON] The Dark Side of AI: Hallucinations, Bias, and Ethical Risks Joon Seo Lim *(University of Ulsan, Republic of Korea)* This talk will cover contemporary issues on the pitfalls of AI use in research and publication, with a particular focus on ethical issues that affect its users in the short-term and long-term. The purpose of this talk will not be to dissuade researchers from using AI, but to suggest safer and sustainable uses.
	11:40-12:00	[PRO] AI for Peer Review: Supporting Editors and Reviewers Junhewk Kim *(Yonsei University, Republic of Korea)* 1. Explain why peer review is under strain in 2026: submissions are rising with generative AI while fewer reviewers accept invitations, and peer review is still the main quality safeguard of research publication. 2. Identify the two conditions for legitimate AI support in peer review: AI must not act as the reviewer, and unpublished manuscripts must not go to public large language models (LLMs) or cloud services. Relate these to current guidance from the International Committee of Medical Journal Editors (ICMJE), journal publishers, and the RULE-AP consensus of anesthesia journal editors. 3. Describe a reviewer-led protocol in which a locally hosted LLM raises candidate comments one at a time and the human reviewer accepts, revises or rejects each one, instead of an AI generating the whole report in one click.
	12:00-12:20	[CON] Why Human Judgment Still Matters: Limitations of AI Jong Yeon Park *(University of Ulsan, Republic of Korea)* 1. When conducting a peer review, please do not upload or paste the full text of the paper into an AI platform. 2. Conduct the peer review by yourself, even if it takes some time. 3. If AI was used during the peer review of a paper, that fact should be clearly disclosed. 4. Human Judgment Still Matters.
	12:20-12:30	Q&A

Luncheon: ACEMEDICAL

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 6 *(Hyatt Regency)*	
Chair(s)	Hyun Kang *(Chung-Ang University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Moments That Matter: Elevating Airway Safety at the Frontline of Patient Care Kyu Nam Kim *(Hanyang University, Republic of Korea)* 1. Understand the key updates in the ASA 2022 and DAS 2025 difficult airway guidelines and their implications for contemporary airway management. 2. Develop a structured approach to difficult airway management that integrates airway assessment, awake and asleep strategies, videolaryngoscopy, and optimization of first-attempt success. 3. Understand the importance of physiologic airway management, including preoxygenation, apneic oxygenation, neuromuscular blockade, and prevention of peri-intubation hypoxemia and cardiovascular collapse. 4. Develop an integrated strategy for managing failed airway scenarios, including timely transition between Plans A-D, recognition of "cannot intubate, cannot oxygenate," and emergency front-of-neck access.

Publication 2

How to Publish in a Top-Tier Journal?

Date / Time	Nov 6 (Fri) / 13:30-15:00	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Matt Wiles *(Editor-in-Chief of Anaesthesia, Sheffield Teaching Hospitals NHS Foundation Trust, United Kingdom)* Hyun Kang *(Chung-Ang University, Republic of Korea)*	
Speaker(s)	13:30-13:55	What Editors Look for: A Practical Guide to Getting Published Matt Wiles *(Editor-in-Chief of Anaesthesia, Sheffield Teaching Hospitals NHS Foundation Trust, United Kingdom)* 1. To highlight key elements of submissions that interest journals/Editor-in-Chiefs 2. To describe common reasons for rejection of manuscripts
	13:55-14:20	From Good Science to High Impact: What Top Journals Really Want James Rathmell *(Editor-in-Chief of Anesthesiology, Harvard Medical School, USA)* 1. Identify the qualities that distinguish rigorous, important research from work that is likely to have high impact and attract the attention of leading journals. 2. Recognize common reasons that otherwise sound manuscripts fail to reach publication priority at top-tier journals. 3. Apply practical strategies for framing the research question, presenting results, and communicating the importance of a study clearly and convincingly.
	14:20-14:45	From Submission to Acceptance: Navigating the Editorial Process Sangseok Lee *(Editor-in-Chief of Korean Journal of Anesthesiology, Inje University, Republic of Korea)*
	14:45-15:00	Q&A

Publication 3

Best Papers: The Editors' Selection

Date / Time	Nov 6 (Fri) / 15:30-17:00	
Room	Hall 6 *(Hyatt Regency)*	
Language	English	
Chair(s)	Heezoo Kim *(Korea University, Republic of Korea)* Jaehoon Lee *(Yonsei University, Republic of Korea)*	
Speaker(s)	15:30-15:55	*Anaesthesia*: Editor's Choice 2026 Matt Wiles *(Editor-in-Chief of Anaesthesia, Sheffield Teaching Hospitals NHS Foundation Trust, United Kingdom)* 1. To highlight the most impactful publications in peri-operative medicine published in 2026 2. To describe the impact of the article on future clinical and research practice
	15:55-16:20	*Korean Journal of Anesthesiology*: Editor's Choice 2026 Ji-Hyun Lee *(Seoul National University, Republic of Korea)* To highlight selected impactful studies published in the Korean Journal of Anesthesiology and discuss their key findings and clinical implications.
	16:20-16:45	*Anesthesiology*: Editor's Choice 2026 James Rathmell *(Editor-in-Chief of Anesthesiology, Harvard Medical School, USA)* 1. Identify several of the most important and clinically relevant studies published in ANESTHESIOLOGY during 2026. 2. Explain how these studies advance current understanding or challenge existing approaches to anesthesiology and perioperative care. 3. Consider how emerging evidence from these selected studies may influence future clinical practice, research, and patient care.
	16:45-17:00	Q&A

Luncheon: Roche Diagnostics Korea

Date / Time	Nov 6 (Fri) / 12:30-13:30	
Room	Hall 7 *(Hyatt Regency)*	
Chair(s)	Sung Yong Park *(Ajou University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Clinical Utility of Perioperative hs-cTnT & Multidisciplinary Protocols in Non-Cardiac Surgery Jiho Park *(Chungnam National University, Republic of Korea)* 1. To understand the clinical significance of postoperative myocardial injury/infarction and the necessity of early detection using hs-cTn in non-cardiac surgery 2. To learn the clinical indications and actionable threshold of hs-TnT for perioperative cardiac risk stratification and post-operative monitoring 3. To explore practical strategies for implementing a multidisciplinary co-management protocol and its real-world clinical impact

Workshop 5

POCUS

Date / Time	Nov 6 (Fri) / 09:00-12:00
Room	Room A *(Paradise City)*
Language	Korean
Moderator(s)	Hyun-Jung Shin *(Seoul National University, Republic of Korea)*
Instructor(s)	Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)* Tae Kyong Kim *(Seoul National University, Republic of Korea)* Jiwon Han *(Chung-Ang University, Republic of Korea)* Young Hyun Koo *(Seoul National University, Republic of Korea)*

Workshop 7

TEE, TTE

Date / Time	Nov 6 (Fri) / 14:00-17:00
Room	Room A *(Paradise City)*
Language	Korean
Moderator(s)	Jong Wook Song *(Yonsei University, Republic of Korea)*
Instructor(s)	Wonsik Lim *(Yonsei University, Republic of Korea)* Ah Ran Oh *(Sungkyunkwan University, Republic of Korea)* Myung Il Bae *(Yonsei University, Republic of Korea)*

Abstract Presentation 16

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	JunHyun Kim *(Inje University, Republic of Korea)* Kyu Nam Kim *(Hanyang University, Republic of Korea)*

Abstract Presentation 17

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Young-Eun Jang *(Seoul National University, Republic of Korea)* Hyo-Jin Byon *(Yonsei University, Republic of Korea)*

Abstract Presentation 20

Date / Time	Nov 6 (Fri) / 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Seokyoung Song *(Daegu Catholic University, Republic of Korea)* Seokyung Shin *(Yonsei University, Republic of Korea)*

Abstract Presentation 21

Date / Time	Nov 6 (Fri) / 13:30-15:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Hojin Lee *(Seoul National University, Republic of Korea)* Jae Hun Kim *(Konkuk University, Republic of Korea)*

Abstract Presentation 24

Date / Time	Nov 6 (Fri) / 15:30-17:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Ha Yeon Kim *(Ajou University, Republic of Korea)* Hyewon Oh *(Ewha Womans University, Republic of Korea)*

Abstract Presentation 25

Date / Time	Nov 6 (Fri) / 15:30-17:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seunguk Bang *(The Catholic University of Korea, Republic of Korea)* Hyungtae Kim *(University of Ulsan, Republic of Korea)*

Abstract Presentation 18

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Soowon Lee *(Seoul National University, Republic of Korea)* Ki Tae Jung *(Chosun University, Republic of Korea)*

대한부위마취학회 이사회

Date / Time	Nov 6 (Fri) / 12:30-13:30
Room	Room D *(Paradise City)*

Abstract Competition

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Woosuk Chung *(Chungnam National University, Republic of Korea)* Sun Young Park *(Soonchunhyang University, Republic of Korea)* Jong Hwan Lee *(Sungkyunkwan University, Republic of Korea)* Ahreum Cho *(Pusan National University, Republic of Korea)*

Abstract Presentation 22

Date / Time	Nov 6 (Fri) / 13:30-15:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Hee Young Kim *(Pusan National University, Republic of Korea)* Chahyun Oh *(Chungnam National University, Republic of Korea)*

Abstract Presentation 26

Date / Time	Nov 6 (Fri) / 15:30-17:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Soomin Lee *(Chungnam National University, Republic of Korea)* Yoon Ji Choi *(Korea University, Republic of Korea)*

Abstract Presentation 19

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Young Chul Yoo *(Yonsei University, Republic of Korea)* Geunjoo Choi *(Chung-Ang University, Republic of Korea)*

Abstract Presentation 23

Date / Time	Nov 6 (Fri) / 13:30-15:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Hee-Pyoung Park *(Seoul National University, Republic of Korea)* Hyongmin Oh *(Seoul National University, Republic of Korea)*

Abstract Presentation 27

Date / Time	Nov 6 (Fri) / 15:30-17:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Woojin Kwon *(Konyang University, Republic of Korea)* Kibeom Park *(Keimyung University, Republic of Korea)*

Workshop 6
CPR

Date / Time	Nov 6 (Fri) / 09:00-12:00
Room	Room G *(Hyatt Regency)*
Language	Korean
Moderator(s)	Hoon Jung *(Kyungpook National University, Republic of Korea)*
Instructor(s)	Hannah Lee *(Seoul National University, Republic of Korea)* Jeongmin Kim *(Yonsei University, Republic of Korea)* Christine Kang *(Seoul National University, Republic of Korea)* Hoon Jung *(Kyungpook National University, Republic of Korea)*

Workshop 8
Airway Management

Date / Time	Nov 6 (Fri) / 14:00-17:00
Room	Room G *(Hyatt Regency)*
Language	Korean
Moderator(s)	Chung-Sik Oh *(Konkuk University, Republic of Korea)* Boohwi Hong *(Chungnam National University, Republic of Korea)*
Instructor(s)	Sang Hyun Lee *(Sungkyunkwan University, Republic of Korea)* Jinyoung Bae *(Ajou University, Republic of Korea)* Jieun Kim *(Seoul National University, Republic of Korea)* Hansu Bae *(Dongguk University, Republic of Korea)* Je-Jin Lee *(Chung-Ang University, Republic of Korea)* Bosung Kim *(Yonsei University, Republic of Korea)*

Meet the Expert 3

Transplantation Anesthesia

Date / Time	Nov 6 (Fri) / 09:00-10:30
Room	Room H *(Hyatt Regency)*
Language	English
Facilitator(s)	Dieter Adelmann *(University of California San Francisco, USA)* 1. Title: Building Evidence in Transplant Anesthesia: From a Single-Center Database to National Collaboration 2. Overview: Transplant anesthesia is a small subspecialty in which randomized trials are challenging to conduct, and practice varies widely across institutions, making it difficult to generate high-quality evidence. This Meet the Expert session traces a practical path for building that evidence: starting with a simple, single-center quality database, growing it into an institutional data warehouse, and scaling up to national multicenter collaborations through the Society for the Advancement of Transplant Anesthesia (SATA) liver transplant database and the Multicenter Perioperative Outcomes Group (MPOG). The focus is on how to get started in building research infrastructure for a niche specialty like transplant anesthesia, and how each project can provide reusable resources for the next research question.

Meet the Expert 4

AI

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room H *(Hyatt Regency)*
Language	English
Facilitator(s)	Yuhe Ke *(Singapore General Hospital, Singapore)* My core area would be the integration of Large Language Models (LLMs) and agentic AI systems into anaesthesiology and perioperative workflows. I aim to bridge the gap between AI development and clinical utility, emphasizing how these tools can augment decision-making while maintaining high standards of patient safety.

Meet the Expert 5

Neuroanesthesia & Delirium

Date / Time	Nov 6 (Fri) / 13:30-15:00
Room	Room H *(Hyatt Regency)*
Language	English
Facilitator(s)	Miles Berger *(Stanford University School of Medicine, USA)* In this session, Drs Berger and Evered will answer questions from the audience about perioperative neurocognitive disorders and will discuss methods to improve postoperative neurocognitive outcomes for our older patients undergoing anesthesia and surgery. Drs Berger and Evered will each offer insights on this topic and related questions based on their research in this area. Lis Evered *(University of Melbourne, Australia)* How can the perioperative period be utilised to protect a vulnerable brain and reduce the risk, severity and consequences of postoperative delirium? Delirium is a brain health and patient safety outcome.

Meet the Expert 6

Regional Anesthesia

Date / Time	Nov 6 (Fri) / 15:30-17:00
Room	Room H *(Hyatt Regency)*
Language	English
Facilitator(s)	Ki Jinn Chin *(University of Toronto, Canada)* 1. Planning and decision making in regional anesthesia 2. Optimizing for safety in regional anesthesia 3. Identifying the real benefits of regional anesthesia 4. How to learn and teach regional anesthesia

ISA MOU Signing

Date / Time	Nov 5 (Thu) / 15:00-15:30
Room	Board Meeting Room *(Paradise City)*

대한뇌신경마취학회 이사회

Date / Time	Nov 6 (Fri) / 12:30-13:30
Room	Board Meeting Room *(Paradise City)*

MSA MOU Signing

Date / Time	Nov 6 (Fri) / 15:00-15:30
Room	Board Meeting Room *(Paradise City)*

통계라운드

Date / Time	Nov 6 (Fri) / 16:00-17:00
Room	Board Meeting Room *(Paradise City)*

Oncologic Anesthesia

Onco-Anesthesia & Cancer Outcomes: Myth, Mechanism & Modern Evidence

Date / Time	Nov 7 (Sat) / 09:00-10:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Hyeonjeong Lee *(Pusan National University, Republic of Korea)* Huang-Ping Yu *(Linkou Chang Gung Memorial Hospital, Taiwan, China)*	
Speaker(s)	09:00-09:25	Enhanced Recovery After Surgery: Considerations in Onco-Anesthesia Elizabeth Rebello *(University of Texas MD Anderson Cancer Center, USA)* 1. Evaluate cancer-specific prehabilitation and risk stratification within ERAS pathways 2. Analyze the impact of intraoperative anesthetic techniques on the immune response and oncologic outcomes 3. Formulate strategies to minimize surgical morbidity and shorten time to next oncologic treatment
	09:25-09:50	How Anesthetic Choice Influences Cancer Progression Myoung Hwa Kim *(Yonsei University, Republic of Korea)* This lecture will review current evidence regarding the long-term oncological outcomes of volatile anesthetics versus propofol-based total intravenous anesthesia (TIVA) in surgical cancer patients. It will explore the ongoing discrepancies between preclinical mechanisms and clinical findings, addressing why this clinical debate remains unresolved. Finally, the session will emphasize the necessity of large-scale randomized controlled trials to establish evidence-based perioperative strategies.
	09:50-10:15	Perioperative Analgesic Drugs and Oncologic Outcomes: From Bench to Bedsides in Cancer Prognosis Young Chul Yoo *(Yonsei University, Republic of Korea)* 1. Immunosurveilance and perioperative immune suppression 2. Immunomodulatory effects of opioid and other analgesics 3. The effects of opioid and other analgesics on cancer cells
	10:15-10:30	Q&A

Patient Safety 3

Patient Safety: Our Priority

Date / Time	Nov 7 (Sat) / 11:00-12:30	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Mi-Sook Gwak *(Sungkyunkwan University, Republic of Korea)* Sang Tae Kim *(Chungbuk National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	Patient Safety in Obstetric Anesthesia in Japan Serabi Tanabe *(Tokyo Metropolitan Tama Medical Center, Japan)* 1. Recognize major maternal emergencies during labor, cesarean delivery, and labor analgesia. 2. Understand the key principles of early recognition and initial management of maternal deterioration. 3. Learn how Japan's maternal emergency training programs and simulation-based courses contribute to patient safety.
	11:25-11:50	Perioperative Normothermia as a Patient Safety Standard: From Principles to Practice David Sturgess *(The University of Queensland, Australia)* 1. Describe why perioperative normothermia should be regarded as a patient safety standard rather than simply a temperature target. 2. Recognise common clinical situations and workflow factors that contribute to perioperative hypothermia, despite awareness of existing guidelines. 3. Identify the gap between evidence and practice and understand why hypothermia remains common despite effective preventive strategies.
	11:50-12:15	Hidden Hazards: How Cognitive Overload and Biases Compromise Patient Safety Emily Methangkool *(University of California Los Angeles, USA)* 1. Understand the impacts of cognitive overload on patient safety 2. Describe cognitive biases and how they may contribute to adverse events 3. Identify strategies to mitigate the risks of cognitive overload and cognitive biases
	12:15-12:30	Q&A

Luncheon: Becton Dickinson Korea

Date / Time	Nov 7 (Sat) / 12:30-13:30	
Room	Hall 1 *(Paradise City)*	
Chair(s)	Young-Lan Kwak *(Yonsei University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Advanced Hemodynamic Monitoring with Minimally Invasive and Non-Invasive Predictive Technologies Thomas Scheeren *(BD Advanced Patient Monitoring, Germany)* 1. How could advanced hemodynamic monitoring technologies help detecting hemodynamic instability at an early stage? 2. How could advanced hemodynamic monitoring technologies help treating hemodynamic instability according to its root cause? 3. Which patients might benefit from minimal invasive and non-invasive monitoring technologies? 4. How might this affect the outcome of our patients?

Artificial Intelligence 3

AI for Perioperative Decision-Making & Patient Safety

Date / Time	Nov 7 (Sat) / 13:30-15:00	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	Elizabeth Rebello *(University of Texas MD Anderson Cancer Center, USA)* Hee-Soo Kim *(Seoul National University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Visualizing the Invisible: AI-Driven Perioperative Extended Reality Services Hyoun-Joong Kong *(Seoul National University, Republic of Korea)*
	13:55-14:20	Artificial Intelligence and Medication Safety in the Perioperative Setting Elizabeth Rebello *(University of Texas MD Anderson Cancer Center, USA)* 1. Evaluate AI integrated Clinical Decision Support to detect look-alike medications that perpetuate substitutions and dosing errors 2. Examine how feedback and constraint mechanisms utilizing standardized drug concentrations, color-coding , and smart infusion pumps may help prevent medication errors in the perioperative environment 3. Identify technology solutions and distraction related to alarm fatigue, automation bias, and cognitive overload to create safe clinician-AI collaboration
	14:20-14:45	Patient-Fronting Use of LLM for Anesthesia and Surgery Consent Information Yuhe Ke *(Singapore General Hospital, Singapore)* This session introduces PEAR, a patient-facing conversational AI platform designed to enhance pre-operative engagement and data gathering across diverse multilingual populations. Attendees will examine how intelligent, localized interactions empower patients and streamline perioperative intake workflows. The presentation also addresses key digital health considerations, including accessibility, health literacy, and clinical safety frameworks.
	14:45-15:00	Q&A

Patient Blood Management 2

Patient Blood Management: Essential Standard or Unnecessary Burden?

Date / Time	Nov 7 (Sat) / 15:30-17:00	
Room	Hall 1 *(Paradise City)*	
Language	English	
Chair(s)	David Mazer *(University of Toronto, Canada)* Jae Hee Woo *(Ewha Womans University, Republic of Korea)*	
Speaker(s)	15:30-15:55	Coagulopathy Management in Cardiac Surgery Zihui Tan *(Singapore General Hospital, Singapore)* 1. Describe the impact of cardiopulmonary bypass on haemostasis and coagulation. 2. Identify key risk factors for bleeding in cardiac surgery. 3. Recognise the limitations of conventional coagulation monitoring in cardiac surgery. 4. Discuss current evidence and updates in the management of perioperative bleeding in cardiac surgery.
	15:55-16:20	Blood Management as Immunology: Why Transfusion Choices May Influence Patient Outcomes David Sturgess *(The University of Queensland, Australia)* 1. Explain how transfusion choices may influence immune function and postoperative outcomes. 2. Compare the immunological effects of allogeneic blood transfusion and intraoperative cell salvage. 3. Recognise the clinical and economic implications of allogeneic blood transfusion and the role of patient blood management strategies.
	16:20-16:45	Controversies in Perioperative Transfusion: What's the Right Transfusion Trigger for My Patient? David Mazer *(University of Toronto, Canada)* 1. Discuss the risks of anemia and transfusion 2. Review controversies in transfusion strategies for patients with and without cardiovascular disease 3. Discuss recent clinical trials of transfusion in perioperative and critical care settings
	16:45-17:00	Q&A

CPR Update

Updates in Cardiopulmonary Resuscitation

Date / Time	Nov 7 (Sat) / 09:00-10:30	
Room	Hall 2 *(Paradise City)*	
Language	Korean ***(AI English Translation)***	
Chair(s)	Jinhee Kim *(Seoul National University, Republic of Korea)* Byunghoon Yoo *(Inje University, Republic of Korea)*	
Speaker(s)	09:00-09:25	**Pediatric Advanced Life Support (PALS)** Hee Young Kim *(Pusan National University, Republic of Korea)* 1. Describe the key differences between pediatric and adult cardiopulmonary resuscitation. 2. Review the fundamental principles of pediatric basic and advanced life support. 3. Identify the major updates in the 2025 pediatric resuscitation guidelines and their implications for clinical practice.
	09:25-09:50	**Advanced Cardiovascular Life Support (ACLS)** Jeongmin Kim *(Yonsei University, Republic of Korea)* 1. Identify the key changes introduced in the 2025 ACLS guideline update compared to previous recommendations. 2. Apply the 2025 updates on medication and access strategy during cardiac arrest (e.g., discontinuation of routine calcium, prioritization of IV access) and on post-cardiac arrest care targets (hemodynamic, oxygenation, and temperature management).
	09:50-10:15	**Intraoperative Cardiopulmonary Resuscitation** Hoon Jung *(Kyungpook National University, Republic of Korea)* 1. Recognize cardiac arrest. 2. Perform cardiopulmonary resuscitation (CPR). 3. Perform intraoperative CPR.
	10:15-10:30	Q&A

Thoracic Anesthesia 2

Optimizing Thoracic Anesthesia: From Hemodynamics to Pain & Beyond

Date / Time	Nov 7 (Sat) / 11:00-12:30	
Room	Hall 2 *(Paradise City)*	
Language	English	
Chair(s)	Wonjung Hwang *(The Catholic University of Korea, Republic of Korea)* Young Jun Oh *(Yonsei University, Republic of Korea)*	
Speaker(s)	11:00-11:25	**Goal-Directed Fluid Monitoring in Thoracic Surgery** Albert Perrino *(Yale School of Medicine, USA)* 1. Despite advances in technique thoracic surgery has a persistently high rate of adverse outcomes. Fluid therapy remains is a critical factor in these adverse events. 2. Goad Directed Fluid Therapy, by providing individualized fluid administration, offers advantages over traditional monitoring approaches so to avoid harm from both inadequate or excessive fluid administration. 3. Indicators used in Goal Directed Fluid Therapy are impacted by several events specific to thoracic procedures. 4. Understanding the role of diseased lungs, one lung ventilation and open chest, protective lung ventilation, and right heart disease on dynamic indicators is critical to avoid misleading interpretation and inappropriate treatment.
	11:25-11:50	**Precision in Motion: Optimizing Multimodal Anesthesia and TIVA/TCI with Density Spectral Array for Non-Intubated Thoracic Surgery** Chien-Kun Ting *(Taipei Veterans General Hospital, Taiwan)* 1. Manage key physiological challenges in NITS: Optimize oxygenation and spontaneous ventilation using high-flow nasal cannula (THRIVE) while addressing hypoxia, hypercapnia, and the cough reflex. 2. Apply opioid-sparing Multimodal Anesthesia (MMA) and TIVA/TCI: Combine regional nerve blocks with propofol, dexmedetomidine, or remimazolam infusions to maintain hemodynamic stability and enhance postoperative recovery. 3. Utilize Density Spectral Array (DSA) for precise sedation titration: Interpret real-time EEG spectrograms to maintain optimal sedation depth and prevent oversedation-induced respiratory depression. 4. Execute dynamic anesthesia for one-stage localization and tubeless VATS: Coordinate phase-specific respiratory and sedation targets across preoperative nodule localization (EMN/Hybrid OR) and thoracoscopic resection.
	11:50-12:15	**Updates in Pain Management After Thoracic Surgery** Wanda Popescu *(Yale School of Medicine, USA)* 1. Evidenced-based preoperative management in thoracic surgery 2. Emerging concepts in pain management in thoracic surgery
	12:15-12:30	Q&A

Luncheon: Hana Pharm Co.,Ltd.

Date / Time	Nov 7 (Sat) / 12:30-13:30	
Room	Hall 2 *(Paradise City)*	
Chair(s)	Dong Woo Han *(Yonsei University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Monitoring the Brain during Remimazolam Anesthesia: What Does the EEG Tell Us? Myung Il Bae *(Yonsei University, Republic of Korea)* 1. Recognize the limitations of processed EEG indices during remimazolam anesthesia. 2. Describe the characteristic EEG patterns of remimazolam. 3. Explain age-related EEG changes during remimazolam anesthesia.

지도전문의교육

Date / Time	Nov 7 (Sat) / 13:30-17:30	
Room	Hall 2 *(Paradise City)*	
Language	Korean	
Chair(s)	Byung Gun Lim *(Korea University, Republic of Korea)*	
Speaker(s)	13:30-14:30	전공의 수련교육 프로그램 평가 Oh Haeng Lee *(Chung-Ang University, Republic of Korea)* 1. 전공의의 수련을 담당하는 병원에서 일하는 전문의로서, 각 병원의 수련교육 시스템과 내용은 병원협회와 학회에서 매년 평가되고 있음을 인지한다. 2. 전공의의 수련을 담당하는 병원에서 일하는 전문의로서, 이 평가를 위해 인적으로 시스템적으로 어떤 자격이 갖추어져야 하는지 인지한다. 3. 매년 이에 관한 평가결과가 이후 전공의 수련병원으로서의 질향상을 요구하거나 전공의 정원의 결정에 관련된 자료로 이용될 수 있음을 이해한다.
	14:30-15:30	전공의 수련교육, 평가체계 개편사업 및 핵심역량평가 안내 JunHyun Kim *(Inje University, Republic of Korea)* 전공의 수련교육 체계화 사업으로 핵심역량평가가 도입된지 수 년이 되었습니다. 보건복지부와 병협 주도로 진행되었던 사업이 대한의학회로 넘어가면서 각 학회 별로 제각각이었던 핵심역량과 EPA들에 대한 정비작업이 이루어지고 있고 이에 따라 대한마취통증의학회의 핵심역량의 체계에도 추후 변화가 있을 수 있습니다. 핵심역량, EPA의 개념들과 대한의학회 주도 사업들의 진행방향에 대해 알아보겠습니다.
	15:30-16:30	전공의 수련중 평가 및 피드백 제공 Tae-Yun Sung *(Konyang University, Republic of Korea)* 1. 직무현장에서 Formative assessment를 활용하여 전공의의 수행을 관찰하고, 평가기준에 따라 평정한다. 2. 관찰결과에 근거하여 전공의에게 구조화된 피드백을 제공한다.
	16:30-17:30	지도전문의 역량개발 및 교육 운영 Byung Gun Lim *(Korea University, Republic of Korea)* 1. 역량중심의학교육(CBME)의 핵심 개념과 지도전문의(PD·EF·TF) 3단계 역할 체계를 설명할 수 있다. 2. DOPS(술기 직접 관찰 평가) 동영상 사례를 통해 수련중평가(WBA) 도구를 실제 임상 현장에 적용하고, 구조화된 피드백을 제공할 수 있다. 3. 마취통증의학과 지도전문의 역량 개발을 위한 Faculty Development 전략과 WBA 단계적 도입 방안을 수련 현장에 적용할 수 있다.

ERAS 1

ERAS 2.0: From Standardized Pathways to Precision Recovery

Date / Time	Nov 7 (Sat) / 09:00-10:30	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Sang Hyun Hong *(The Catholic University of Korea, Republic of Korea)* Shu-Lin Guo *(Chia-Yi Christian Hospital, Taiwan)*	
Speaker(s)	09:00-09:25	Prehabilitation in Korea: Feasibility, Challenges, and Future Directions Ahreum Cho *(Pusan National University, Republic of Korea)* 1. Understand what prehabilitation is, how a multimodal program is delivered in practice, and why it matters for surgical patients. 2. Recognize the barriers to applying prehabilitation in the Korean healthcare setting, including structural, institutional, and patient-level obstacles. 3. Understand the practical realities of an ongoing prehabilitation program in Korea and the importance of linking with community public health centers to sustain care before and after surgery.
	09:25-09:50	The First ERAS Center in Korea: Implementation and Early Experiences Bon-Wook Koo *(Seoul National University, Republic of Korea)* 1. Understand the key elements required to establish a multidisciplinary ERAS Center. 2. Recognize practical barriers and facilitators during ERAS implementation. 3. Review early experiences and lessons learned from the first ERAS Center in Korea.
	09:50-10:15	National Incentive Program for ERAS in Taiwan: Implementation and Outcomes Shu-Lin Guo *(Chia-Yi Christian Hospital, Taiwan)* 1. Describe the transition of ERAS in Taiwan from hospital-based initiatives to a national incentive and reimbursement program. 2. Identify the key strategies for large-scale ERAS implementation, including multidisciplinary teamwork, standardized care pathways, KPI-based monitoring, and value-based financial incentives. 3. Evaluate the clinical and economic outcomes of Taiwan's national ERAS program and discuss practical implementation experiences that may be applicable to other healthcare systems.
	10:15-10:30	Q&A

ERAS 2

ERAS 2026

Date / Time	Nov 7 (Sat) / 11:00-12:30	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Duk Kyung Kim *(Sungkyunkwan University, Republic of Korea)* Jin-Tae Kim *(Seoul National University, Republic of Korea)*	
Speaker(s)	11:00-11:25	Optimizing ERAS: Unresolved Questions in Perioperative Care Hojin Lee *(Seoul National University, Republic of Korea)* 1. Summarize the current evidence on enhanced recovery after surgery (ERAS). 2. Discuss unresolved questions across key domains of perioperative care within ERAS pathways. 3. Identify priorities for future research to optimize ERAS implementation and patient outcomes.
	11:25-11:50	Sustained-Release Local Anesthetics in ERAS: Enabling Tubeless Recovery and Early Mobilization Jung-Woo Shim *(The Catholic University of Korea, Republic of Korea)* 1. Explain the clinical need for sustained-release local anesthetics in postoperative pain management. 2. Describe the major drug-delivery platforms and clinical characteristics of sustained-release local anesthetics. 3. Discuss how sustained-release local anesthetics may support ERAS through opioid-sparing and catheter-free analgesia. 4. Identify current evidence gaps and future research needs regarding early mobilization and functional recovery.
	11:50-12:15	Implementing ERAS in Gastric Cancer Surgery: From Program Establishment to Evidence Generation Miran Jung *(Chonnam National University, Republic of Korea)* 1. Understand the development and implementation of a multidisciplinary ERAS program for gastric cancer surgery. 2. Recognize the role of protocol compliance and multidisciplinary collaboration in optimizing perioperative care and postoperative recovery. 3. Evaluate clinical evidence supporting key ERAS components, including early oral feeding and the omission of routine prophylactic abdominal drainage.
	12:15-12:30	Q&A

Luncheon: HK inno.N

Date / Time	Nov 7 (Sat) / 12:30-13:30	
Room	Hall 3 *(Paradise City)*	
Chair(s)	JunHeum Yon *(Inje University, Republic of Korea)*	
Speaker(s)	12:30-13:30	Fluid Management with Balanced Crystalloid Hannah Lee *(Seoul National University, Republic of Korea)*

Cardiovascular Anesthesia 3

Rethinking Physiology in Cardiac Surgery

Date / Time	Nov 7 (Sat) / 13:30-15:00	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Young-Lan Kwak *(Yonsei University, Republic of Korea)* Yunseok Jeon *(Seoul National University, Republic of Korea)*	
Speaker(s)	13:30-13:55	Rethinking Lactate in Cardiac Surgery Albert Perrino *(Yale School of Medicine, USA)* 1. Hyperlactatemia and lactic acidosis are common sequelae following cardiac surgeries and cardiopulmonary bypass. The relationship between lactate and adverse outcomes has been confirmed in multiple studies. Accordingly, elevated lactate in this setting deserves clinical concern. 2. Elevated lactate is a challenging finding to interpret and act on, however, as the etiologies that underlie a lactate abnormality during and following cardiac interventions differ amongst cases as does the implications for outcome and treatment. 3. Elevated lactate it is not a biomarker for tissue hypoperfusion or hypoxemia in many patients. Rather, lactate is a key adaptive fuel both for exercising athletes and critically ill patients.
	13:55-14:20	Monitoring Cerebral Autoregulation in Cardiac Surgery Hasmizy Bin Muhammad *(Sarawak Heart Centre, Malaysia)* 1. Explain the physiological mechanisms of cerebral autoregulation and how the myogenic, metabolic, and neurogenic pathways maintain steady cerebral blood flow (CBF) across mean arterial pressure (MAP) changes. 2. Identify key cardiac surgery factors that disrupt normal autoregulation (e.g., cardiopulmonary bypass [CPB], hypothermia, hemodilution, pulsatile vs. non-pulsatile flow, and microemboli). 3. Compare non-invasive techniques used to monitor cerebral autoregulation, focusing primarily on Near-Infrared Spectroscopy (NIRS)-derived indices and Transcranial Doppler (TCD). 4. Formulate a patient-specific Optimum Blood Pressure (MAP_opt) target using continuous autoregulation monitoring on CPB rather than relying on standard population-wide MAP targets (e.g., 50-60 mmHg).
	14:20-14:45	Postoperative Anemia After Cardiac Surgery Seohee Ko *(Yonsei University, Republic of Korea)* 1. Describe the incidence, mechanisms, and clinical impact of postoperative anemia after cardiac surgery. 2. Identify patients at risk of persistent postoperative anemia and delayed hemoglobin recovery. 3. Discuss patient blood management strategies to optimize treatment of postoperative anemia, including iron supplementation and erythropoiesis-stimulating agents.
	14:45-15:00	Q&A

Pediatric Anesthesia 2

Smarter Pediatric Anesthesia: Safer Drugs, Better Access, Protected Brains

Date / Time	Nov 7 (Sat) / 15:30-17:00	
Room	Hall 3 *(Paradise City)*	
Language	English	
Chair(s)	Won-Jung Shin *(University of Ulsan, Republic of Korea)* Nicola Disma *(Istituto Giannina Gaslini, Italy)*	
Speaker(s)	15:30-15:55	Dexmedetomidine in Pediatric Anesthesia: Report from the TREX Study Nicola Disma *(Istituto Giannina Gaslini, Italy)* 1. Describe the rationale and design of the TREX study and the role of dexmedetomidine in pediatric anesthesia. 2. Interpret the main TREX findings regarding anesthetic neurotoxicity and neuroprotection. 3. Evaluate how TREX evidence may inform the use of dexmedetomidine as part of an anaesthetic strategy in children.
	15:55-16:20	Small Vessels, Big Challenges: Practical Tips for Pediatric Vascular Access Young-Eun Jang *(Seoul National University, Republic of Korea)* 1. Understand the characteristics and advantages of different arteries for vascular access in pediatric patients. 2. Review recent evidence and practical strategies to improve first-attempt success in arterial cannulation of small vessels in children. 3. Recognize the risk of radial artery occlusion after arterial cannulation and apply strategies to minimize its occurrence and preserve the artery.
	16:20-16:45	Safeguarding Developing Brains: EEG-Guided Anesthesia to Prevent Emergence Delirium in Children Yasuko Nagasaka *(Tokyo Women's Medical University, Japan)* 1. Recall the fundamental principles of electroencephalography (EEG) and its physiological changes during various anesthetic states. 2. Identify and interpret key intraoperative EEG patterns (e.g., alpha oscillations, burst suppression) and their correlation with different depths of anesthesia. 3. Explain how EEG-based monitoring contributes to patient safety by helping to prevent both intraoperative awareness and excessively deep anesthesia, thereby reducing the risk of pediatric anesthesia emergence delirium.
	16:45-17:00	Q&A

Nov 5 (Thu) Nov 6 (Fri) Nov 7 (Sat)

KMA 필수교육

Date / Time	Nov 7 (Sat) / 09:00-11:00	
Room	Hall 4 *(Paradise City)*	
Language	Korean	
Chair(s)	Sang Hyun Kim *(Soonchunhyang University, Republic of Korea)* Sang-Jin Park *(Keimyung University, Republic of Korea)*	
Speaker(s)	09:00-09:25	의약품 부작용 사례: GLP-1 수용체 작용제의 위배출지연과 최신 권고안 Yoo Min Han *(Seoul National University, Republic of Korea)* 1. GLP-1 수용체 작용제의 위장관 생리 및 주술기 안전성에 미치는 영향을 이해할 수 있다. 2. GLP-1 수용체 작용제 사용에 따른 위 내용물 잔류 및 폐흡인 위험을 이해하고, 약제 중단에 따른 잠재적 위해와 이득을 균형 있게 평가할 수 있다. 3. GLP-1 수용체 작용제의 주술기 관리에 관한 국내외 최신 가이드라인과 근거를 이해하고, 주요 권고사항의 변화와 임상적 의미를 설명할 수 있다. 4. GLP-1 수용체 작용제 사용 환자의 위험인자를 평가하고, 적절한 검사와 기도관리 등 위험 완화 전략을 수립할 수 있다. 5. 환자 및 시술의 특성을 고려한 개별화된 의사결정을 통해 안전하고 합리적인 주술기 관리 방안을 제시할 수 있다.
	09:25-09:50	직업윤리와 정신건강: 좋은 의사와 건강한 의사 사이 Je-Yeon Yun *(Seoul National University, Republic of Korea)* 1. 마취통증의학과 의사가 경험할 수 있는 직무스트레스, 지침(fatigue), 소진(burnout)과 이의 관련요인을 이해할 수 있다. 2. 마취통증의학과 의사가 경험할 수 있는 불안, 불면, 우울과 이의 관련요인을 이해할 수 있다. 3. 마취통증의학과 의사의 웰빙, 공감역량회복, 스트레스 회복탄력성 강화의 관련요인을 이해할 수 있다.
	09:50-10:00	Q&A
	10:00-10:25	안전한 기도관리와 신경근차단제 사용, 그리고 의료분쟁 예방 Young-Eun Jang *(Seoul National University, Republic of Korea)* 1. 수술 전후 기도관리에서 발생할 수 있는 주요 위험요인을 이해하고, 안전한 기도관리를 위한 실제적인 전략을 습득한다. 2. 신경근차단제의 안전한 사용과 신경근 모니터링의 기본 원칙을 이해하고 임상에 적용한다. 3. 마취 관련 의료분쟁의 주요 원인과 위험 상황을 이해하고, 환자안전 향상과 의료분쟁 예방을 위한 실질적인 대응 전략을 습득한다.
	10:25-10:50	의료분쟁 사례로 배우는 마취통증의학과 의료분쟁 예방과 대응 Jinseok Cho *(Ohkims Law, Republic of Korea)* 의료형사사건을 중심으로 마취통증의학 분야에서의 의료분쟁 사례 및 그 예방 및 대응방법을 공유함으로써 임상의료현장에서의 형사법적 위험성을 최소화한다.
	10:50-11:00	Q&A

Luncheon: VIVOZON & Daiichi Sankyo Korea

Date / Time	Nov 7 (Sat) / 12:30-13:30	
Room	Hall 4 *(Paradise City)*	
Chair(s)	Jiyeon Sim *(University of Ulsan, Republic of Korea)*	
Speaker(s)	12:30-13:30	Clinical Benefits of Repeated Short Infusion of Unafra® for Postoperative Pain Sang-Wook Lee *(University of Ulsan, Republic of Korea)*

KSPAN Annual Conference-Beyond Recovery: Shaping the Future of Perianesthesia Nursing

Date / Time	Nov 7 (Sat) / 13:30-15:20		
Room	Hall 4 *(Paradise City)*		
Language	Korean		
Chair(s)	Woo-Young In *(Academic Director)*		
Speaker(s)	13:30-13:35	Opening Remarks	Je-Bog Yoo *(President, KSPAN)*
	13:35-13:40	Congratulatory Remarks	Young-Tae Jeon *(President, KSA)*
	13:40-14:00	Special Lecture	International Collaboration of PeriAnaesthesia Nurses (ICPAN): Advocating for Perianaesthesia Nurses, Empowering Global Practice Maria Kapritsou *(Vice Chair, ICPAN)*
	14:00-14:45	Research Presentations	Development of an Evidence-Based Recovery Nursing Protocol Using Quantitative Neuromuscular Monitoring Yoo-Na Kim *(Gangnam Severance Hospital PACU)*
			Comparison of the Effects of Warming Methods on Body Temperature, Shivering, and Thermal Comfort in Cesarean Section Patients Undergoing Spinal Anesthesia Kyung-Ah Kang *(Keimyung University)*
			Comparison of Operation Time, Vital Signs, Bleeding Tendency, and Recovery Time According to Anesthesia Method in Hip Surgery Patients Min-Ji Lee *(Seoul National University)*, et al.
	14:45-15:05	Quality Improvement Presentations	Improving Inventory Management Efficiency through Standardization of Anesthesia Supply Management Jin-Seon Jo, Ji-Yoon Jang, Hyo-Jeong Han, Yeon-Hwa Lee, Su-Yeon Gu, Yu-Na Park, Bo-Ryeong Kim, Su-Hee Lee, Su-Bin Park *(Samsung Changwon Hospital)*
			Improving Patient Safety and Medical Device Management by Applying Protective Film to ECG Leads Sun-Koung Cho, Ji-Koung Park, Ha-Koung Yoo, Hyeon-Ji Park *(CHA University)*
	15:05-15:20	Best Practice Presentations	Transfusion! Level up! Hee-Jeong Kim, Da-Jung Rho, Ji Yeon-Sin, Sun-Hee Hwang, Seok-Yang Chu, Ju-Hyang Kim, Mi-Hwa Lee, Yu-Na Choi *(Keimyung University)*
			IV PCA A to Z Yun-Jeong Kim, Dong Jung Lee, et al. *(Yeungnam University)*
			Patient Safety Protocols: Pain Management and Respiratory Care Su Bin Jeong, Taehyeon Ku, Ji Woo Yang, Jae Gyeong Kim *(Daegu Fatima Hospital)*
			Teaching the Invisible Judgment: An Evidence-Based PACU Admission Education Program to Enhance Novice Nurses' Clinical Judgment Mi-Ra Jung et al. *(Dongguk University)*
			Recognize, Rescue, Re-expose Safely: A Step-by-Step Nursing Guide to Intraoperative Anaphylaxis Ji Eun Kim et al. *(Seoul National University)*

KSPAN Annual Conference-Beyond Recovery: Shaping the Future of Perianesthesia Nursing

Date / Time	Nov 7 (Sat) / 15:40-17:00		
Room	Hall 4 *(Paradise City)*		
Language	Korean		
Chair(s)	Yoo-Ok Heo *(Director of Policy)*		
Speaker(s)	15:40-16:40	Special Forum	Implementation of Korea's Anesthesia Nurse System: Challenges, Opportunities, and the Future of Peri-Anesthesia Nursing
			Session 1. Current Legal and Institutional Status and Policy Directions Regarding Anesthesia-Specialized Nurses Je-Bog Yoo *(President, KSPAN)*
			Session 2. Field Cases and Safety Management Measures in Tertiary General and General Hospitals Woo-Young In *(Academic Director)*
			Key Discussion Topics - Current Status of Korea's Anesthesia Nurse System - Future Direction of the KSPAN Certification Program - KSPAN's Strategic Vision
			Panel Discussion & Q&A
	16:40-16:50	Awards Ceremony Je-Bog Yoo *(President, KSPAN)*	
	16:50-17:00	Closing Ceremony	

Workshop 9

Advanced Venous Doppler

Date / Time	Nov 7 (Sat) / 09:00-12:00
Room	Room A *(Paradise City)*
Language	English
Moderator(s)	Ji-Hyun Lee *(Seoul National University, Republic of Korea)*
Instructor(s)	André Denault *(University of Montreal, Canada)* Jae-Kwang Shim *(Yonsei University, Republic of Korea)* Heesoo Shin *(Yonsei University, Republic of Korea)*

Workshop 11

Basic Processed-EEG Monitoring (AAF)

Date / Time	Nov 7 (Sat) / 14:00-17:00
Room	Room A *(Paradise City)*
Language	English
Moderator(s)	Tae-Yop Kim *(Konkuk University, Republic of Korea)*
Instructor(s)	Suraphong Lorsomradee *(Chiang Mai University, Thailand)* Lian Kah Ti *(National University Hospital, Singapore)* Jiho Park *(Chungnam National University, Republic of Korea)* Young Song *(Yonsei University, Republic of Korea)*

Abstract Presentation 28

Date / Time	Nov 7 (Sat) / 09:00-10:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Sun Young Park *(Soonchunhyang University, Republic of Korea)* Hyung Gon Lee *(Chonnam National University, Republic of Korea)*

Abstract Presentation 30

Date / Time	Nov 7 (Sat) / 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Kyu Nam Kim *(Hanyang University, Republic of Korea)* Ha Yeon Kim *(Ajou University, Republic of Korea)*

Abstract Presentation 32

Date / Time	Nov 7 (Sat) / 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Seounghun Lee *(Chungnam National University, Republic of Korea)* Jae Hun Kim *(Konkuk University, Republic of Korea)*

Workshop 10

PK/PD Simulation

Date / Time	Nov 7 (Sat) / 09:00-12:00
Room	Room C *(Paradise City)*
Language	Korean
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Instructor(s)	Tae Kyun Kim *(Pusan National University, Republic of Korea)* Seongheon Lee *(Chonnam National University, Republic of Korea)*

Workshop 12

NONMEM

Date / Time	Nov 7 (Sat) / 14:00-17:00
Room	Room C *(Paradise City)*
Language	Korean
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Chair(s)	Gyujeong Noh *(University of Ulsan, Republic of Korea)* Byung-Moon Choi *(University of Ulsan, Republic of Korea)*
Instructor(s)	Juyeon Oh *(University of Ulsan, Republic of Korea)* Kyung-Mi Kim *(University of Ulsan, Republic of Korea)* Yeong-Min Yoo *(Pusan National University, Republic of Korea)*

Abstract Presentation 29

Date / Time	Nov 7 (Sat) / 09:00-10:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Jong Wook Song *(Yonsei University, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)*

Abstract Presentation 31

Date / Time	Nov 7 (Sat) / 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Woosuk Chung *(Chungnam National University, Republic of Korea)* Heeseung Lee *(Ewha Womans University, Republic of Korea)*

AAF Board Meeting

Date / Time	Nov 7 (Sat) / 09:00-10:30
Room	Board Meeting Room *(Paradise City)*

MASCAP - KSCTVA Joint Meeting

Date / Time	Nov 7 (Sat) / 10:30-12:30
Room	Board Meeting Room *(Paradise City)*

대한소아마취학회 이사회

Date / Time	Nov 7 (Sat) / 12:30-13:30
Room	Board Meeting Room *(Paradise City)*

103RD KOREANESTHESIA 2026
The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

103RD KOREANESTHESIA 2026
The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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WORKSHOPS

The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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Workshop 1
Pain Medicine Basic Nerve Block

Date / Time	**Nov 5 (Thu) 09:00-12:00**
Room	**Room A** *(Paradise City)*
Language	**Korean**
Moderator(s)	Eun Joo Choi *(Seoul National University, Republic of Korea)*
Instructor(s)	So Young Lee *(Korea University, Republic of Korea)* Yongjae Yoo *(Seoul National University, Republic of Korea)* Jinyoung Oh *(Kyungpook National University, Republic of Korea)*
Learning Objectives	1. Learning the anatomy and ultrasound-guided pain intervention in the lumbar spine. 2. Learning the anatomy and ultrasound-guided pain intervention in the thoracic region. 3. Learning the anatomy and ultrasound-guided pain intervention in the knee and lower extremity.
Description	1. Anatomy and nerve blocks using ultrasound in the lumbar spine (lumbar plexus block, medial branch block, facet joint block) 2. Anatomy and nerve blocks using ultrasound in the thoracic region (thoracic paravertebral block, intercostal nerve block, erector spinae plane block) 3. Anatomy and interventions using ultrasound in the knee and lower extremity (knee joint injection, bursa injection, saphenous nerve block)

Program

Demonstration	Time	Program	Instructor
Demonstration 1	09:00-12:00	Lumbar Plexus, MBB, Facet Joint Block	So Young Lee
Demonstration 2		Thoracic Paravertebral, Intercostal Nerve, Erector Spinae Plane Block	Yongjae Yoo
Demonstration 3		Knee Joint, Bursa Injection, Saphenous Nerve Block	Jinyoung Oh

Nov 5 (Thu) | Nov 6 (Fri) | Nov 7 (Sat)

Workshop 2
ACDM (Anesthesia Common Data Model)

Date / Time	**Nov 5 (Thu) 09:00-12:00**
Room	**Room G** *(Hyatt Regency)*
Language	**Korean**
Moderator(s)	Sang Gyu Kwak *(Daegu Catholic University, Republic of Korea)*
Instructor(s)	Seokyoung Song *(Daegu Catholic University, Republic of Korea)* Sang Gyu Kwak *(Daegu Catholic University, Republic of Korea)* Sang-Wook Lee *(University of Ulsan, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)* JunHyun Kim *(Inje University, Republic of Korea)* Tae Kyong Kim *(Seoul National University, Republic of Korea)* Chahyun Oh *(Chungnam National University, Republic of Korea)* Seohee Ko *(Yonsei University, Republic of Korea)*
Learning Objectives	1. Understand the fundamental concepts of OMOP-CDM and ACDM, as well as the overall clinical research workflow. 2. Learn how to define cohorts and perform basic analyses using ATLAS. 3. Understand how to design and conduct CDM-based multicenter studies in anesthesiology and pain medicine.
Description	This hands-on workshop offers practical experience in conducting clinical research using OMOP-CDM and ACDM from the ground up. Participants will learn the entire research process, from formulating research questions and building cohorts with ATLAS to exploring real-world examples of multicenter CDM studies.

Program

Time	Program	Instructor
09:00-09:15	Opening Introduction to ACDM Workshop	Seokyoung Song
09:15-09:40	Overview of the CDM Research Process	Sang Gyu Kwak
09:40-10:00	Clinical Research Case Association between bolus administration of remimazolam and perioperative hemodynamic instability: CDM study	Sang-Wook Lee
10:00-10:10	Break	-
10:10-11:40	Hands-on Practice for CDM Research Using ATLAS	Data Science Team, evidnet Inc.
11:40-12:00	Discussion & Q&A	All Participants

Workshop 3
US-Guided Peripheral Nerve Block

Date / Time	**Nov 5 (Thu) 14:00-17:00**
Room	**Room A** *(Paradise City)*
Language	**English**
Moderator(s)	Hyungtae Kim *(University of Ulsan, Republic of Korea)*
Instructor(s)	Hyungtae Kim *(University of Ulsan, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)* Jung-Woo Shim *(The Catholic University of Korea, Republic of Korea)*
Learning Objectives	1. Interscalene and Axillary BPB 2. Femoral (ACB) and Popliteal Sciatic nerve block 3. TAP block (RSB) and Pecs block
Description	This course is designed to acquire basic-level knowledge and technical skills in nerve block techniques, serving as an educational curriculum on regional anesthesia methods for standard upper extremity, lower extremity, thoracic, and abdominal surgeries. The primary educational objective of this course is for participants to independently obtain the appropriate ultrasound views following a brief 3-to-5-minute practical lecture and live demonstration by an instructor. Additionally, the secondary objective is to cultivate the participants' ability to identify and differentiate nerves from surrounding structures, while simultaneously allowing them to master the techniques required for a successful nerve block that minimizes the occurrence of complications.
Program	

Group	Program	Instructor
Group 1	Interscalene and Axillary BPB	Hyungtae Kim
Group 2	Femoral (ACB) and popliteal Sciatic nerve block	Woojin Kwon
Group 3	TAP block (RSB) and Pecs block	Jung-Woo Shim

Workshop 4
Basic Pharmacology

Date / Time	**Nov 5 (Thu) 14:00-17:00**
Room	**Room G** *(Hyatt Regency)*
Language	**Korean**
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Instructor(s)	Gyujeong Noh *(University of Ulsan, Republic of Korea)* Byung-Moon Choi *(University of Ulsan, Republic of Korea)* Kyung-Mi Kim *(University of Ulsan, Republic of Korea)*
Learning Objectives	1. The attendees understand 2 kinetics of drug transfer in the body. 2. The attendees understand Laplace transform, inverse Laplace transform, matrix notation of simultaneous equations, determinant, and Cramer's rule. 3. A simultaneous system of ordinary differential equations denoting the rate of change of drug amount in each compartment is built to obtain functions of drug amount in the central and effect compartments in Laplace domain. 4. The general partial fraction theorem of Benet is applied to perform inverse Laplace transform of these drug amount functions in Laplace domain, and finally drug amount functions in the central and effect compartments in time domain are derived. 5. Principle of superposition in linear pharmacokinetics is a key prerequisite for target-controlled infusion. The attendees understand proportional equations to calculate the infusion rate required to reach a target concentration in the plasma and effect-site.
Description	This workshop aims to improve understanding of the basic principles of anesthetic pharmacology. Mathematics for deriving pharmacokinetic equations are discussed. The attendees practice to derive mathematical functions of plasma or effect-site concentration over time for 4-compartment model, in which an effect compartment is added to 3-compartment mammillary pharmacokinetic model. Mathematical principles for target-controlled infusion as well as linear pharmacokinetics and principle of superposition are discussed.
Program	

Time	Program	Instructor
14:00-15:10	Mathematics for deriving pharmacokinetic equations	Gyujeong Noh
15:10-15:20	Break	-
15:20-16:10	Derivation of pharmacokinetic equations for 4-compartment model	Kyung-Mi Kim
16:10-17:00	Principles of target-controlled infusion	Byung-Moon Choi

Workshop 5
POCUS

Date / Time	**Nov 6 (Fri) 09:00-12:00**
Room	**Room A** *(Paradise City)*
Language	**Korean**
Moderator(s)	Hyun-Jung Shin *(Seoul National University, Republic of Korea)*
Instructor(s)	Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)* Tae Kyong Kim *(Seoul National University, Republic of Korea)* Jiwon Han *(Chung-Ang University, Republic of Korea)* Young Hyun Koo *(Seoul National University, Republic of Korea)*
Learning Objectives	1. Identify key airway structures. 2. Obtain key cardiac views. 3. Identify normal lung findings. 4. Identify gastric anatomy and evaluate gastric contents.
Description	1. Identify major airway structures like the larynx, thyroid cartilage, and cricoid cartilage using ultrasound. Locate the anatomical position of the cricothyroid membrane. 2. Master techniques to acquire standard cardiac ultrasound views, including the Parasternal Long-Axis, Parasternal Short-Axis, Apical 4-Chamber, and Subxiphoid views. 3. Identify normal lung ultrasound findings such as A-lines, B-lines, and lung sliding. 4. Identify the layers of the stomach wall (serosa, muscularis, mucosa) and locate the gastric antrum using ultrasound.
Program	

Workshop	Program	Instructor
Workshop 1	Airway Ultrasound	Sung-Ae Cho
Workshop 2	Cardiac Ultrasound	Tae Kyong Kim
Workshop 3	Lung Ultrasound	Jiwon Han
Workshop 4	Gastric Ultrasound	Young Hyun Koo

Workshop 6
CPR

Date / Time	**Nov 6 (Fri) 09:00-12:00**
Room	**Room G** *(Hyatt Regency)*
Language	**Korean**
Moderator(s)	Hoon Jung *(Kyungpook National University, Republic of Korea)*
Instructor(s)	Hannah Lee *(Seoul National University, Republic of Korea)* Jeongmin Kim *(Yonsei University, Republic of Korea)* Christine Kang *(Seoul National University, Republic of Korea)* Hoon Jung *(Kyungpook National University, Republic of Korea)*
Learning Objectives	1. Rapidly recognize cardiac arrest. 2. Perform cardiopulmonary resuscitation (CPR). 3. Apply CPR algorithms (Basic Life Support, Advanced Cardiac Life Support, Post-Cardiac Arrest Care, Bradycardia, Tachycardia). 4. Lead and manage a cardiac arrest resuscitation team based on effective teamwork and communication.
Description	This practical, hands-on workshop is designed to provide simulation-based experience in a clinical-like environment for various cardiac arrest scenarios that may occur preoperatively, intraoperatively, and postoperatively. Participants will repeatedly practice the following: - Early recognition of cardiac arrest and initial response - High-quality CPR (chest compressions, defibrillation, medication administration, airway management, and documentation) - Practical application of CPR algorithms (BLS, ACLS, PCAC, Bradycardia, Tachycardia) - Effective team leadership and communication in the operating room (Crisis Resource Management) ※ On the day of the workshop, there will be no lectures; the session will consist entirely of simulation practice. ※ Please note that this workshop will be conducted strictly as a simulation-based session without lectures. Participants are strongly advised to review the pre-workshop materials prior to attendance.
Program	

Time	Program	Group 1	Group 2
09:00-09:05	Welcome & Instructor Introduction	-	-
09:05-09:25	2025 CPR Review	-	-
09:25-10:35	Simulation A	[Intraop] Hannah Lee, Christine Kang	[Outside the OR] Jeongmin Kim, Hoon Jung
10:35-10:40	Break	-	-
10:40-11:50	Simulation B	[Outside the OR] Jeongmin Kim, Hoon Jung	[Intraop] Hannah Lee, Christine Kang
11:50-12:00	Closing Remarks & Survey	-	-

Workshop 7
TEE, TTE

Date / Time	**Nov 6 (Fri) 14:00-17:00**
Room	**Room A** *(Paradise City)*
Language	**Korean**
Moderator(s)	Jong Wook Song *(Yonsei University, Republic of Korea)*
Instructor(s)	Wonsik Lim *(Yonsei University, Republic of Korea)* Ah Ran Oh *(Sungkyunkwan University, Republic of Korea)* Myung Il Bae *(Yonsei University, Republic of Korea)*
Learning Objectives	1. Demonstrate basic probe handling and manipulation techniques for transesophageal (TEE) and transthoracic echocardiography (TTE). 2. Acquire and identify standard echocardiographic views using TEE simulators and live TTE scanning. 3. Apply fundamental techniques for probe positioning, image orientation, and image optimization.
Description	This hands-on workshop provides an introduction to the basic techniques of TEE and TTE, with an emphasis on practical skills in probe manipulation and acquisition of standard echocardiographic views. Following brief introductory lectures, participants will practice TEE using mannequins and simulators, and perform TTE scanning on live human models under instructor guidance. The workshop is designed to build confidence in basic echocardiographic image acquisition and probe handling.
Program	

Time	Program	Group 1	Group 2
14:00-14:20	Lecture	-	-
14:30-15:40	Workshop 1	TEE Jong Wook Song	TTE Ah Ran Oh
15:50-17:00	Workshop 2	TTE Myung Il Bae	TEE Wonsik Lim

Workshop 8
Airway Management

Date / Time	**Nov 6 (Fri) 14:00-17:00**
Room	**Room G** *(Hyatt Regency)*
Language	**Korean**
Moderator(s)	Chung-Sik Oh *(Konkuk University, Republic of Korea)* Boohwi Hong *(Chungnam National University, Republic of Korea)*
Instructor(s)	Sang Hyun Lee *(Sungkyunkwan University, Republic of Korea)* Jinyoung Bae *(Ajou University, Republic of Korea)* Jieun Kim *(Seoul National University, Republic of Korea)* Hansu Bae *(Dongguk University, Republic of Korea)* Je-Jin Lee *(Chung-Ang University, Republic of Korea)* Bosung Kim *(Yonsei University, Republic of Korea)*
Learning Objectives	1. Understand algorithms for managing difficult airway situations and learn how to operate applicable equipment (videostylet and intubating introducer). 2. Understand the use of ultrasonography for cricothyrotomy and learn how to perform the procedure. 3. Learn how to perform tracheal intubation using fiberoptic bronchoscopy.
Description	Learn algorithms to effectively manage difficult airway scenarios and gain hands-on skills with various applicable devices and management techniques. Participants will work in groups of four, rotating through three 1-hour stations over a total of 3 hours.
Program	

Time	Program	Instructor
14:00-17:00	Difficult Airway Algorithm & Airway Devices	Sang-Hyun Lee, Jinyoung Bae
14:00-17:00	USG of airway & Cricothyrotomy	Je-Jin Lee, Bosung Kim
14:00-17:00	Fiberoptic Bronchoscopy-Guided Intubation	Jieun Kim, Hansu Bae

Workshop 9
Advanced Venous Doppler

Date / Time	**Nov 7 (Sat) 09:00-12:00**
Room	**Room A** *(Paradise City)*
Language	**English**
Moderator(s)	Ji-Hyun Lee *(Seoul National University, Republic of Korea)*
Instructor(s)	André Denault *(University of Montreal, Canada)* Jae-Kwang Shim *(Yonsei University, Republic of Korea)* Heesoo Shin *(Yonsei University, Republic of Korea)*
Learning Objectives	1. **Perform Doppler assessment** of key systemic veins (IVC, portal, splenic, renal, and femoral) using transthoracic and transesophageal echocardiography. 2. **Interpret venous flow patterns** to identify and quantify venous congestion in perioperative settings. 3. **Integrate venous Doppler findings** into hemodynamic evaluation and clinical decision-making for optimizing patient care.
Description	This hands-on workshop is designed to provide practical training in systemic venous Doppler assessment for perioperative hemodynamic evaluation. After a brief introduction to the clinical implications of venous congestion, participants will learn how to obtain and interpret Doppler signals from the IVC/hepatic, portal, splenic, renal, and femoral veins using transthoracic echocardiography (TTE) and transesophageal echocardiography (TEE). The TTE sessions will focus on bedside image acquisition and Doppler measurement using volunteer models. The TEE station will use a simulator to demonstrate the relevant anatomy and probe manipulation; because Doppler measurement is not available on the simulator, representative recorded Doppler images and/or images obtained during the TTE session will be used for interpretation. participants will rotate through small-group stations and receive direct instruction from faculty. The workshop will emphasize practical scanning techniques, recognition of venous congestion patterns, and integration of venous Doppler findings into clinical decision-making. Depending on the participants' level of experience, basic TTE/TEE views and image optimization may also be reviewed during the hands-on sessions.

Program

Time	Program		Instructor
09:00-09:10	Ice-breaking		-
09:10-09:20	Clinical implications of venous Doppler		Heesoo Shin
09:20-09:40	Live demonstration: How to perform venous Doppler using TTE		André Denault
09:50-10:40	Hands-on session 1	TEE station	Jae-Kwang Shim & Heesoo Shin
		TTE station 1	André Denault
		TTE station 2	Ji-Hyun Lee
10:40-10:50	Break		-
10:50-11:50	Hands-on session 2	TEE station	Jae-Kwang Shim & Heesoo Shin
		TTE station 1	André Denault
		TTE station 2	Ji-Hyun Lee
11:50-12:00	Q&A and wrap-up		-

Workshop 10
PK/PD Simulation

Date / Time	**Nov 7 (Sat) 09:00-12:00**
Room	**Room C** *(Paradise City)*
Language	**Korean**
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Instructor(s)	Tae Kyun Kim *(Pusan National University, Republic of Korea)* Seongheon Lee *(Chonnam National University, Republic of Korea)*
Learning Objectives	1. Understand the meaning and interrelationships of pharmacokinetic parameters, convert them into forms suitable for clinical application and simulation, and apply them to drug concentration prediction and individualized target-controlled infusion (TCI). 2. Use pharmacokinetic parameters to simulate changes in plasma and effect-site concentrations over time after drug administration and interpret their clinical implications. 3. Understand the concepts of ke0 and tpeak, and simulate the amount of drug delivered to achieve target concentrations during plasma-targeted and effect-site-targeted TCI.
Description	This course provides a systematic introduction to the fundamental principles of target-controlled infusion (TCI), including the concepts of ke0 and tpeak, as well as the differences between plasma-targeted and effect-site-targeted TCI. Hands-on exercises will be conducted using an Excel-based simulation tool. By entering a small number of simple values, participants will be able to directly visualize and compare the amount of drug administered and the resulting changes in plasma and effect-site concentrations over time. The course is designed to help participants understand the core principles of TCI and their clinical implications in an intuitive and accessible manner, without the burden of performing complex mathematical calculations.

Program

Time	Part	Program
09:00-12:00	Part 1	• Fundamentals of pharmacokinetics and pharmacodynamics • Understanding and converting pharmacokinetic parameters: hands-on exercise
	Part 2	• Simulating concentration changes after drug administration • Understanding and applying the concepts of ke0 and tpeak
	Part 3	• Hands-on simulation of plasma-targeted and effect-site-targeted TCI • Questions, answers, and integrated discussion

Workshop 11

Basic Processed-EEG Monitoring (AAF)

Modules for Advancing Processed EEG-guided Anesthesia (MAPS)

Date / Time	**Nov 7 (Sat) 14:00-17:00**
Room	**Room A** *(Paradise City)*
Language	**English**
Moderator(s)	Tae-Yop Kim *(Konkuk University, Republic of Korea)*
Instructor(s)	Suraphong Lorsomradee *(Chiang Mai University, Thailand)* Lian Kah Ti *(National University Hospital, Singapore)* Jiho Park *(Chungnam National University, Republic of Korea)* Young Song *(Yonsei University, Republic of Korea)*
Learning Objectives	1. Understand the basis of the raw and processed EEG (pEEG) wave patterns, including 5 band-specific subtypes and burst suppression, and the Density Spectral Array (DSA), and their variations during general anesthesia. 2. Understand variations in pEEG waveforms and DSA due to nociception, anesthetic agents, patient age, body temperature, cerebral perfusion and metabolism, and the patient's underlying risk of cognitive dysfunction. 3. Understand the importance of slow δ- and α-band and α-dominant oscillations and the avoidance of burst suppression. 4. Learn limitations of index-based monitoring and strategies for using pEEG parameters to enhance sufficient intraoperative sedation and analgesia, postoperative neurocognitive outcome, and perioperative brain health.
Description	This workshop bridges the gap between basic processed EEG (pEEG) technology and its practical application in perioperative clinical settings. This program aims to improve foundational familiarity with EEG signal interpretation and ultimately inspire attendees to appropriately use pEEG to enhance perioperative care and patient outcomes. After completing this workshop program, attendees will gain basic knowledge of intraoperative pEEG monitoring to facilitate clinical decision-making, including optimizing anesthetic titration, reducing postoperative complications, and improving patient brain health. Key learning goals for this workshop include understanding the following components. • pEEG basics and monitor display 1: Raw EEG waveforms, 5 band-specific subtypes, and burst suppression • Limitations of indexed-based pEEG monitoring: mismatch between index values and sedation depths • pEEG basics and monitor display 2: DSA, suppression ratio (SR), spectral edge frequency (SEF), suppression ratio, and other display settings • Typical pEEG patterns for general anesthesia, variations due to anesthetic agent (GABAergic, NMDA antagonist, α-adrenergic agents), patient age, body temperature, cerebral perfusion and metabolism, and the patient's perioperative risk of cognitive dysfunction • DSA patterns depicting insufficient/sufficient intraoperative analgesia and too deep sedation and its change during emergence • Factors inducing burst suppression or reducing α-band power: anesthetic dosage, temperature, electromyography (EMG), cerebral perfusion and metabolism, electrical noise, artifacts, etc • Anesthetic dosage titration achieving/maintaining slow δ- and α-band dominance and avoiding burst suppression in old and vulnerable patients

Nov 5 (Thu) Nov 6 (Fri) Nov 7 (Sat)

Program

Time		Program	Instructor
14:00-14:05		Greetings and Introduction	Tae-Yop Kim
14:05-14:30	Basic knowledge introduction	Raw EEG waveforms, 5 band-specific subtypes, burst suppression, isoelectric wave, suppression, burst suppression, suppression ratio (SR)	Suraphong Lorsomradee
		Basic algorithm for converting raw EEG to the index, and limitations of index-based monitoring	Tae-Yop Kim
		Basics of Density Spectral Array (DSA), spectral edge frequency (SEF), suppression ratio (SR), burst Suppression and suppression ratio (SR), and symmetry	Young Song
		Achieving slow δ- and α-band dominance and avoiding BS, as a target for general anesthesia	Jiho Park
		Reduced α-power and Burst suppression in perioperative cognitive dysfunction and worse postoperative outcome	Lian Kah Ti
14:30-16:20	Rotation-Learning in a group	Cluster 1: raw EEG waves and DSA patterns during anesthesia (induction, maintenance, emergence from anesthesia), electromyography (EMG), noise/artifacts, and adjusting DSA settings	Young Song
		Cluster 2: Reduced α-band power (with δ-arousal) at insufficient analgesia (at noxious stimuli) and over-sedation	Jiho Park
		Cluster 3: Agent-specific pEEG patterns (GABAergic, NMDA antagonist, and α-adrenergic agents) and their age- and dosage-related variations	Lian Kah Ti
		Cluster 4: Reduced neuronal activity and burst suppression (hypothermia, hypotension, cerebral hypoxia, or overdosing) and adjusting DSA settings	Suraphong Lorsomradee
		Cluster 5: Anesthetic titration to achieve slow δ- and α -band oscillations and avoid burst suppression	Tae-Yop Kim
16:20-16:30		Break	-
16:30-17:00		Practical applications of pEEG Quiz, Q&A with 3-4 clinical cases related to appropriate use of pEEG and titrating anesthetic dosage	All together
		Closing	-

Nov 5 (Thu) | Nov 6 (Fri) | **Nov 7** (Sat)

Workshop 12
NONMEM

Date / Time	**Nov 7 (Sat) 14:00-17:00**
Room	**Room C** *(Paradise City)*
Language	**Korean**
Moderator(s)	Seongheon Lee *(Chonnam National University, Republic of Korea)*
Chair(s)	Gyujeong Noh *(University of Ulsan, Republic of Korea)* Byung-Moon Choi *(University of Ulsan, Republic of Korea)*
Instructor(s)	Juyeon Oh *(University of Ulsan, Republic of Korea)* Kyung-Mi Kim *(University of Ulsan, Republic of Korea)* Yeong-Min Yoo *(Pusan National University, Republic of Korea)*
Learning Objectives	1. Participants should be able to construct control streams in NONMEM and perform population pharmacokinetic/pharmacodynamic (PK/PD) analyses of remimazolam and propofol, including special populations such as underweight patients. 2. Participants should be able to apply the EM-based estimation workflow-iterative two-stage (ITS), stochastic approximation expectation-maximization (SAEM), and importance sampling (IMP)-alongside the classical FOCE method, and to obtain reliable objective function values for model comparison. 3. Participants should be able to use an agentic AI platform (ChatGPT Codex) to assist NONMEM control stream development and to streamline the population PK/PD model-development workflow.
Description	The goal of this workshop is to give participants hands-on experience in population PK/PD analysis using NONMEM. Using real remimazolam and propofol datasets, participants will construct control streams, run the models, and interpret the numerical outputs in the result files, including a reanalysis of propofol pharmacokinetics in underweight patients. In addition to the classical FOCE method, recent population PK/PD analyses increasingly employ expectation-maximization (EM) estimation methods. participants will implement the modern estimation workflow (ITS → SAEM → IMP), in which ITS provides a fast, stable starting point that seeds SAEM, SAEM yields robust population parameter estimates but does not provide an objective function value suitable for model comparison, and IMP with EONLY=1 supplies the reliable values needed for that comparison. Working through these steps, participants will learn practical strategies for population PK/PD model development and how to troubleshoot common NONMEM errors. In addition, the workshop introduces AI-assisted pharmacometric workflows using an agentic AI platform (ChatGPT Codex), demonstrating how it can facilitate NONMEM control stream development, model implementation, troubleshooting, and interpretation of results. By the end of the workshop, participants will have acquired practical skills they can apply directly to their own population PK/PD modeling projects.

Program

Time	Program	Instructor	Chair
14:00-14:55	Population PK/PD Modeling of Remimazolam Using Multiple Estimations: ITS, SAEM, IMP	Kyung-Mi Kim	-
14:55-15:50	Propofol Population PK/PD Modeling Revisited Using ChatGPT Codex, an Agentic AI Platform	Yeong-Min Yoo	Gyujeong Noh
15:50-16:05	Break	-	-
16:05-17:00	Revisiting Population Pharmacokinetics of propofol in Underweight Patients: Reanalysis Using ITS, SAEM, and IMP	Juyeon Oh	Byung-Moon Choi

103RD KOREANESTHESIA 2026
The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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ABSTRACT

The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

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Competition

Abstract Competition

Date / Time	Nov 6 (Fri) / 11:00-12:30
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Woosuk Chung *(Chungnam National University, Republic of Korea)* Sun Young Park *(Soonchunhyang University, Republic of Korea)* Jong Hwan Lee *(Sungkyunkwan University, Republic of Korea)* Ahreum Cho *(Pusan National University, Republic of Korea)*
AC-01-1 2026-0555	Enhanced Recovery After Gastric Cancer Surgery: A Multicenter Randomized Clinical Trial in South Korea Soyeong Hwang[1], Ho-Jin Lee[1*], Do Joong Park[2] 1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Republic of Korea 2. Department of Surgery, Seoul National University Hospital, Republic of Korea
AC-01-2 2026-0218	Plasma Ropivacaine Pharmacokinetics and Peak-Concentration Variability after Intertransverse Process and Thoracic Paravertebral Blocks: A Randomised Controlled Trial Keisuke Nakazawa[1*], Panramon Vanichvithya[1], Takefumi Kamiya[1], Tomoaki Itaya[1], Shunichi Takagi[1], Daisuke Satoh[2], Riken Kawachi[2], Hiroyuki Sakurai[2], Takahiro Suzuki[1] 1. Department of Anesthesiology, Nihon University School of Medicine, Japan 2. Department of Thoracic Surgery, Nihon University School of Medicine, Japan
AC-01-3 2026-0113	Influence of Opioid Delivery Patterns in Dual-Chamber Patient-Controlled Analgesia on Postoperative Nausea and Vomiting Jihoon Han[1], Sangho Lee[1*], Ann Hee You[1], Hee Yong Kang[1], Jung Eun Kim[1], Jeong-Hyun Choi[1], Sung Wook Park[1], Mi Kyeong Kim[1] 1. Department of Anesthesiology and Pain Medicine, Kyung Hee University Hospital, Republic of Korea
AC-01-4 2026-0570	Discrepancy Effects of Pneumoperitoneum on Arterial Waveform and Heart Sound-Derived Dynamic Indices in a Porcine Hemorrhage-Transfusion Model Woo-Jin Kim[1], Dong-Kyu Kim[1], Hyun-Soek Kim[2], Sung-Hoon Kim[1*] 1. Anesthesiology and Pain Medicine, University of Ulsan, Republic of Korea 2. Big Data Research Center, Asan Institute for Life Science, Republic of Korea
AC-01-5 2026-0416	Repeated 30-Minute Opiranserin Infusions for Moderate-to-Severe Postoperative Pain after Laparoscopic Colectomy: A Randomized, Double-Blind Phase 2 Trial Sang-Wook Lee[1], Ji-Yeon Sim[1*] 1. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea
AC-01-6 2026-0317	Intertransverse Process Block to Improve Quality of Recovery and Pain Management in Cardiac Surgery: Preliminary Results of a Randomized, Double-Blinded, Placebo-Controlled Trial Henry Man-kin Wong[1*], Ranjith Kumar Sivakumar[1], Veronica Ka-wai Lai[2], Conan Huen[1], Pik Yi Hou[1], Mandy Hiu-man Chu[1], Randolph Hung-leung Wong[3], Kwok Ming Ho[1] 1. Department of Anaesthesia and Intensive Care, Prince of Wales Hospital, The Chinese University of Hong Kong, Hong Kong, China 2. Child Health Evaluative Sciences, The Hospital for Sick Children Research Institute, Toronto, Ontario, Canada 3. Division of Cardiothoracic Surgery, Department of Surgery, Prince of Wales Hospital, The Chinese University of Hong Kong, Hong Kong, China

Presentation

Abstract Presentation 1

Date / Time	Nov 5 (Thu), 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Jae Hun Kim *(Konkuk University, Republic of Korea)* Seunguk Bang *(The Catholic University of Korea, Republic of Korea)*

AP-01-1 2026-0386

Clinical Utility of an Artificial Intelligence-Assisted Brachial Plexus Tracking System in Ultrasound-Guided Regional Anaesthesia: A Randomised Crossover Study

Yoolim Choi[1], Boowhi Hong[1], Yumin Jo[1*], Chahyun Oh[1], Kim Doheon[3], Hoyol Jhang[4], Donghyeon Baek[2]

1. Anesthesiology and Pain Medicine, Chungnam National University Hospital, Chungnam National University College of Medicine, Republic of Korea
2. Chungnam National University Hospital, Chungnam National University College of Medicine, Republic of Korea
3. Chungnam National University College of Medicine, Chungnam National University College of Medicine, Republic of Korea
4. Biomedical Research Institute, Chungnam National University Hospital, Republic of Korea

AP-01-2 2026-0525

Pecto-Intercostal Fascial Block Versus Erector Spinae Plane Block for Analgesia and Respiratory Recovery after Cardiac Surgery: A Preliminary Analysis of a Randomized Controlled Trial

Yi-Ting Chang[1*]

1. Department of Anesthesiology, Taichung Veterans General Hospital, Taiwan

AP-01-3 2026-0163

Lipid Emulsion Inhibits Bupivacaine-Induced Cardiotoxicity via Reversal of the AMPK-mTOR Pathway

Soo Hee Lee[1], Seong-Ho Ok[1], Gyujin Sim[1], Ju-Tae Sohn[1*]

1. Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Republic of Korea

AP-01-4 2026-0375

Effects of Combined Pectoserratus and Pecto-Intercostal Fascial Plane Blocks for Cardiac Surgery via Median Sternotomy: A Randomized Controlled Trial

Jung Hyun So[1], Ji-Hyoung Park[1*]

1. Anesthesiology and Pain Medicine, Wonju College of Medicine, Yonsei University, Republic of Korea

AP-01-5 2026-0538

Stakeholder Perspectives on Prone-Compatible Virtual Reality for Interventional Pain Procedures: A Customer Discovery-Informed Qualitative Study

Michael Jung[1*], Amaad Sulahria[2], Stephen Henry[3], Daniel Nishijima[4], Neal Fleming[1]

1. Anesthesiology and Pain Medicine, University of California Davis, USA
2. Anesthesiology and Pain Medicine, University of Washington / Veterans Affair Puget Sound, USA
3. Internal Medicine, University of California Davis, USA
4. Emergency Medicine, University of California Davis, USA

AP-01-6 2026-0297

A Comparative Study of Anesthetic Techniques for Achilles Tendon Repair Surgery: Popliteal Nerve Block vs Spinal Anesthesia

Nyamsuren Tumurbaatar[1*]

1. Department of Anesthesia and Surgery, National Traumatic and Orthopedic Research Center, Mongolia

AP-01-7 2026-0171

Comparison between Analgesic Efficacy of Sacral Erector Spinae Plane Block and Caudal Block in Pediatric Anorectal Surgeries-A Randomized Controlled Trial

Vinay Kain[1], Anju Gupta[1*]

1. Anaesthesia, Pain Medicine and Critical Care, All India Institute of Medical Sciences, New Delhi, India

AP-01-8 2026-0482

Professionally Prescribed Individualized Music Versus Intravenous Propofol for Perioperative Anxiety During Regional Anaesthesia: A Prospective Comparative Study

Wan Ahmad Hafizi Bin Wan Ahmad Junaidi[1*], Mohd Fitry Bin Zainal Abidin[2]

1. Department of Anaesthesiology & Critical Care, Hospital Raja Permaisuri Bainun, Malaysia
2. Department of Anaesthesiology, Universiti Malaya, Malaysia

Presentation

Abstract Presentation 2

Date / Time	Nov 5 (Thu), 11:00-12:30
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Kyu Nam Kim *(Hanyang University, Republic of Korea)* Heeseung Lee *(Ewha Womans University, Republic of Korea)*

AP-02-1
2026-0500

Hydroxyethyl Starch and Acute Kidney Injury After Surgery: A Nationwide Cohort Study
Sohyun Lee[1], Tak Kyu Oh[1,2*]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Republic of Korea
2. Department of Anesthesiology and Pain Medicine, Seoul National University College of Medicine, Republic of Korea

AP-02-2
2026-0557

Identifying a Candidate Post-Tetanic Count Range for Sugammadex 3 mg/kg: A First-Stage Exploratory Biased-Coin Up-and-Down Study
Sojin Kim[1], Byeonghwa Kim[2], Eunjin Song[1], Seongwook Jeong[1], Seongheon Lee[1*]

1. Department Anesthesiology and Pain Medicine, Hwasun Chonnam National University Hospital, Republic of Korea
2. Department Anesthesiology and Pain Medicine, Chonnam National University Hospital, Republic of Korea

AP-02-3
2026-0212

The Effect of Intravenous Dextrose Administration on Postoperative Nausea and Vomiting: Systematic Review and Meta-Analysis with Trial Sequential Analysis
Hyun Kang[1*], Jae Hyuk Choi[1], Geun Joo Choi[1]

1. Anesthesiology and Pain Medicine, Chung-Ang University, Republic of Korea

AP-02-4
2026-0325

Recovery Beyond Emergence: Exposure-Dependent Durability of PACU Recovery After Remimazolam-Flumazenil Anesthesia
Eun Ji Park[1*], Boo-Young Hwang[1], Mingyu Kim[1], Siyun Moon[1]

1. Anesthesia & Pain Medicine, Pusan National University Hospital, Republic of Korea

AP-02-6
2026-0336

Propofol-Based Total Intravenous Anesthesia vs. Sevoflurane Inhalational Anesthesia in Perioperative Natural Killer Cell Antitumor Activity after Hepatocellular Carcinoma Resection: A Prospective Randomized Pilot Study
Yoon Joo Chung[1], Gyeyoung Ahn[1], Gaab Soo Kim[2], Sangbin Han[2], Duck Cho[3], Hyun-Young Kim[3], Ji-Hye Kwon[2*]

1. Anesthesiology and Pain Medicine, Chung-Ang University Hospital, Republic of Korea
2. Anesthesiology and Pain Medicine, Samsung Medical Center, Republic of Korea
3. Department of Laboratory Medicine and Genetics, Samsung Medical Center, Republic of Korea

AP-02-7
2026-0126

Temporal Changes in Total and Unbound Remimazolam Concentrations During Cardiopulmonary Bypass With Hypothermic Circulatory Arrest: A Prospective Observational Study
Motoi Inoue[1*], Satoshi Ueshima[2], Mikio Kakumoto[2], Naoya Ooka[1], Ai Iwasaki[1], Fumiaki Komaki[1], Hirotoshi Kitagawa[1]

1. Department of Anesthesiology, Shiga University of Medical Science, Japan
2. Laboratory of Clinical Pharmacy, College of Pharmaceutical Sciences, Ritsumeikan University, Japan

AP-02-8
2026-0224

Effect of Different Bicarbonate Concentrations on Rocuronium-Induced Neuromuscular Blockade and Sugammadex-Induced Reversal in Rat Phrenic Nerve Hemidiaphragm
Yong Beom Kim[1*], Jae-Moon Choi[2], Hey Ran Choi[3], Junyong In[4], Chungon Park[1], Ga Hee Kim[1], Hongseuk Yang[5]

1. Department of Anesthesiology and Pain Medicine, Gil Medical Center, Gachon University, Republic of Korea
2. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan, Republic of Korea
3. Department of Anesthesiology and Pain Medicine, Sanggye Paik Hospital, Inje University, Republic of Korea
4. Department of Anesthesiology and Pain Medicine, Ilsan Hospital, Dongguk University, Republic of Korea
5. Department of Anesthesiology and Pain Medicine, Chuncheon Sacred Heart Hospital, Hallym University, Republic of Korea

Presentation

Abstract Presentation 3

Date / Time	Nov 5 (Thu), 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)* Ahreum Cho *(Pusan National University, Republic of Korea)*

AP-03-1
2026-0425

Dual-Source Retrieval-Augmented Generation for Preoperative Anesthesia Planning

Junah Jung[1], Sujin Baek[2,3], Jungchan Park[4], Boohwi Hong[2,3*], Dongheon Lee[5,6]

1. Interdisciplinary Program in Medical Informatics, Seoul National University College of Medicine, Republic of Korea
2. Big Data Center, Department of Medical Information, Chungnam National University Hospital, Republic of Korea
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5. Department of Radiology, Seoul National University College of Medicine, Republic of Korea
6. Interdisciplinary Program in Artificial Intelligence, Seoul National University, Republic of Korea

AP-03-3
2026-0490

Impaired Microvascular Reactivity in Patients with End-Stage Renal Disease: A Retrospective Vascular Occlusion Test Study Using Near-Infrared Spectroscopy

Hyeon Jeong Lee[1], Hyae Jin Kim[1*], Ah Reum Cho[1], Eun Ji Park[1], Un Ji Kim[1]

1. Department of Anesthesiology and Pain Medicine, Pusan National University Hospital, Republic of Korea

AP-03-4
2026-0132

Frontal EEG under TIVA, Sevoflurane, and Desflurane during Sustained Steep Trendelenburg in Robot-Assisted Radical Prostatectomy: A Depth-Matched Retrospective Observational Study

Dong Joon Kim[1], Hye Na Min[1], Ki Tae Jung[1*]

1. Anesthesiology and Pain Medicine, Chosun University, Republic of Korea

AP-03-5
2026-0484

Dynamic Arterial Elastance in the Prone Position: A Prospective Validation Study of Arterial Pressure Responsiveness During Spine Surgery

Taeho Jeong Jeong[1], Hara Kim[1*], Jin Hee Ahn[1]

1. Anesthesiology and Pain Medicine, Kangbuk Samsung Medical Center, Republic of Korea

AP-03-6
2026-0515

Agreement between Artificial Intelligence-Assisted and Manual Gastric Ultrasound for Residual Gastric Volume Measurement

Siti Nadzrah Binti Yunus[1*]

1. Anaesthesiology, University Malaya Medical Centre, Malaysia

AP-03-7
2026-0542

Diagnostic Accuracy of Machine Learning Models for Predicting Post-Induction Hypotension in General Anesthesia: A Systematic Review and Meta-Analysis

I. A. Philberta Vidya Yandhika[1*], Nalam Taqi Kayana Pradhanika[1], Djayanti Sari[1], Andre Krislee[1]

1. Department of Anesthesiology and Intensive Therapy, Universitas Gadjah Mada, Indonesia

AP-03-8
2026-0480

Determining the Clinical Performances of A Self-Modified Cannula Oxygen Insufflation Device For Emergency Front of Neck Airway Access: A Simulated Observational Study

Liu Chian Yong[1*], Andy Tiong Dii[1]

1. Anesthesiology and Critical Care, Hospital Canselor Tuanku Muhriz, Malaysia

Presentation

Abstract Presentation 4

Date / Time	Nov 5 (Thu), 11:00-12:30
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Sung-Hoon Kim *(University of Ulsan, Republic of Korea)* Bon-Wook Koo *(Seoul National University, Republic of Korea)*

AP-04-1
2026-0023

Glycemic Gap and Postoperative Sepsis Risk in Adult Non-Diabetic Burn Patients Admitted to the Intensive Care Unit

Jihion Yu[1], Young Joo Seo[2], Young-Kug Kim[1*], Taeho Mun[1]

1. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea
2. Department of Anesthesiology and Pain Medicine, Hallym University Hangang Sacred Heart Hospital, Republic of Korea

AP-04-2
2026-0636

Decompensation of Occult Diaphragmatic Vulnerability Following Transient Hemidiaphragmatic Paresis: A Case of Prolonged Hypoxemia

Eunwon Lee[1], Seunguk Bang[1*], Jonghun Ji[2]

1. Anesthesiology and Pain Medicine, Daejeon St.mary's Hospital, Republic of Korea
2. Orthopedics, Daejeon St.mary's Hospital, Republic of Korea

AP-04-4
2026-0122

Outcomes and Predictors of Mortality on Prolonged Mechanical Ventilation in Critically Ill Patients: A Multicenter Retrospective Cohort Study

Sara Nemani[1*]

1. Anesthesia, Wollo University, Ethiopia

AP-04-5
2026-0520

Prognostic Value of the Alveolar-Arterial Oxygen Gradient and Respiratory Index for Predicting Outcomes in Chest Trauma Patients Admitted to the Intensive Care Unit: A Retrospective Cohort Study

Kapildev Soni[1], Rushika Kowdipally[1*], Abhishek Singh[1], Sharmishtha Pathak[1], Riniki Sarma[1], Yudhyavir Singh[1], Richa Aggarwal[1], Chhavi Sawhney[1], Babita Gupta[1]

1. Anaesthesiology, Pain Medicine and Critical Care, AIIMS New Delhi, India

AP-04-6
2026-0487

Overcoming Obesity and Obstructive Sleep Apnoea Burden in Transoral Robotic Surgery (TORS): Outcomes of a Standardised Opioid-Sparing Anaesthetic Protocol (A Single-Centre Malaysian Prospective Study)

Jeremy Tan Sin Hun[1], Siti Nadzrah Binti Yunus[1*]

1. Anaesthesiology, Faculty of Medicine, Universiti Malaya, Malaysia

AP-04-7
2026-0514

When Intubation Is Not the Safest Airway: Tubeless HFNO-Assisted TIVA for Critical Subglottic Stenosis—A Case Report

Izac Franz Madrilejo[1*], Lucille Lim[1], Nelson Maglinao[1], Agnes Phoebe Calimag[1], Ma. Angelica Christine Libas[1]

1. Anesthesiology and Perioperative Medicine, University of Santo Tomas Hospital, Philippines

AP-04-8
2026-0067

Not All Delayed Emergence Is Anaesthetic Related: Case of Acute Aluminium Encephalopathy Following Intravesical Alum Irrigation

Kit Mun Mak[1], Farhana Binti Katiman[1*]

1. Anaesthesiology and Critical Care Unit, Hospital Kuala Lumpur, Malaysia

Presentation

Abstract Presentation 5

Date / Time	Nov 5 (Thu), 11:00-12:30
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Geunjoo Choi *(Chung-Ang University, Republic of Korea)* Young Sung Kim *(Korea University, Republic of Korea)*

AP-05-1 2026-0188

Privacy-Preserving Classification of Postoperative Pain Severity from Facial Video Using Homomorphic Encryption: A Prospective Feasibility Study

Donghee Lee[1], Garam Lee[2], Hwa-Young Jang[1], Minchan Shin[1], Sang-Wook Lee[1*]

1. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea
2. Business Division, AI Agent Team, CryptoLab Inc., Republic of Korea

AP-05-2 2026-0561

Perioperative Increase in Ventilated-Lung B-line Score During One-Lung Ventilation for Thoracic Surgery: A Prospective Pilot Study Using Three-Point BLUE-Protocol Lung Ultrasound

Jaeuk Na[1], Dongyul Lee[1], Ji Wook Kim[1*]

1. Anesthesiology and Pain Medicine, Kosin University Gospel Hospital, Republic of Korea

AP-05-3 2026-0176

Optimal Insertion Depth of an Esophageal Stethoscope for Core Temperature Monitoring: Agreement and a Safe-Zone Window Referenced to the Maximal Heart-Sound Position

Jongho Shin[1], Young Joon Ki Ki[1], Ki Tae Jung[1*]

1. Anesthesiology and Pain Medicine, Chosun University, Republic of Korea

AP-05-4 2026-0232

Effect of Analgesia Nociception Index Monitoring during Remimazolam-Remifentanil Anesthesia for Lower Gastrointestinal Surgery: A Randomized Controlled Trial.

Sunghaeng Kim[1], Seungcheol Lee[1], Soron Choi[1], Minah Kim[1], Seokhyun Ma[1], Sangyoong Park[1*]

1. Department of Anesthesiology and Pain Medicine, Dong-A University Hospital, Republic of Korea

AP-05-5 2026-0041

Development and Clinical Implementation of a Low-Cost Cloud-Based Electronic Veterinary Anesthesia Record

Cho Young-Gwang[1], Jihyun Kim[1], Nahyun Kim[1], Seonbin Oh[1], Seolhee Lee[1], Seongwon Lee[1], Hwanhoon Park[1], Inhyung Lee[1], Son Won-Gyun[1*]

1. Department of Clinical Veterinary Science (Anesthesiology and Pain Medicine), College of Veterinary Medicine, Seoul National University, Republic of Korea

AP-05-6 2026-0417

Postoperative Clinical Outcomes with Hypotension Prediction Index-Guided Haemodynamic Management in Non-Cardiac Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials

Jamie Wen Yen Tan[1], Nadhirah Abd Halim[2,4], Mohammad Nizam Mokhtar[2], Saw Kian Cheah[2], Mohd Fitry Zainal Abidin[1], Syarifah Noor Nazihah Sayed Masri[3*]

1. Anaesthesiology, Universiti Malaya, Malaysia
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3. Anaesthesiology and Critical Care, Hospital Canselor Tuanku Muhriz, Malaysia
4. Anesthesiology and Intensive Care, Institut Jantung Negara, Malaysia

AP-05-7 2026-0510

Artificial Intelligence-Based Pain Assessment in Non-Communicative Adult Intensive Care Unit Patients: A Systematic Review and Meta-Analysis

Ihsan Hamdani[1*], Djayanti Sari[1], Mahmud Mahmud[1], Akhmad Yun Jufan[1]

1. Department of Anesthesiology and Intensive Therapy, Gadjah Mada University-Sardjito Hospital, Yogyakarta, Indonesia

AP-05-8 2026-0211

Smartpilot® View Guided Versus Standard Care Sevoflurane-Based General Anesthesia in Patients Undergoing Laparoscopic Donor Nephrectomy: A Retrospective Single-Center Study

Sherhata Ahalul[1,2], Roan Jocson[2*]

1. Anesthesiology, Southern Philippines Medical Center, Philippines
2. Anesthesiology, National Kidney and Transplant Institute, Philippines

Presentation

Abstract Presentation 6

Date / Time	Nov 5 (Thu), 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Chang-Hoon Koo *(Seoul National University, Republic of Korea)* Woosuk Chung *(Chungnam National University, Republic of Korea)*

AP-06-2
2026-0225

Effect of Intraoperative Nitrous Oxide on Postoperative Depression in Patients Receiving Mastectomy: An Interim Analysis of a Randomized Controlled Trial

Hyunjik Song[1], Sanjeong Seo[1], Soong June Bae[2], Jooyoung Oh[3], Young Song[1*]

1. Department of Anesthesiology and Pain Medicine, Anesthesia and Pain Research Institute, Yonsei University College of Medicine, Republic of Korea
2. Department of Surgery, Institute for Breast Cancer Precision Medicine, Yonsei University College of Medicine, Republic of Korea
3. Department of Psychiatry, Institute of Behavioral Sciences in Medicine, Yonsei University College of Medicine, Republic of Korea

AP-06-3
2026-0249

Association Between Postoperative Day 1 C-Reactive Protein and Subjective Sleep Quality During the First Postoperative Night: An Exploratory Secondary Analysis

Takashi Mino[1], Mitsuru Ida[2*], Yasufumi Nakajima[1], Masahiko Kawaguchi[2]

1. Anesthesiology, Kindai University Faculty of Medicine, Japan
2. Anesthesiology, Nara Medical University, Japan

AP-06-4
2026-0439

Neuroworsening in Acute Brain Injury: Diagnostic Accuracy and Trajectories of Quantitative Pupillometry (NEURO-PUPIL)—A Prospective Cohort Study

Simon Li Loong Sii[1], Saw Kian Cheah[1*]

1. Anesthesiology and Critical Care, Hospital Canselor Tuanku Muhriz UKM, Malaysia

AP-06-5
2026-0367

Impact of Extubation Timing on Postoperative Hypertension Following Craniotomy for Brain Tumor Resection

Ngarmsom Taengutai[1], Thitikan Kunapaisal[1*], Maliwan Oofuvong[1], Nalinee Kovitwanawong[1], Chin Taweesomboonyat[2]

1. Anesthesiology, Songklanagarind Hospital, Thailand
2. Neurosurgery, Songklanagarind, Thailand

AP-06-6
2026-0582

Rescue Transesophageal Echocardiography for Rapid Diagnosis of Acute Cardiac Tamponade During Ventriculoperitoneal Shunt Placement: A Case Report

Soomin Lee[1*], Boowhi Hong[1], Juhyun Kim[1]

1. Department of Anesthesiology and Pain Medicine, Chungnam National University Hospital, Republic of Korea

AP-06-8
2026-0177

When a Simple Intubation Turns into a Nightmare: Successful Conservative Management of Iatrogenic Tracheoesophageal Injury in a Resource-Limited Setting

Nadhila Atsari[1*], Calcarina Fitriani Retno Wisudarti[1]

1. Anesthesiology and Intensive Care / Faculty of Medicine, Public Health and Nursing, Dr. Sardjito General Hospital / Universitas Gadjah Mada, Indonesia

Presentation

Abstract Presentation 7

Date / Time	Nov 5 (Thu), 13:30-15:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seok Kyeong Oh *(Korea University, Republic of Korea)* Hyung Gon Lee *(Chonnam National University, Republic of Korea)*

AP-07-1
2026-0448

The Pilot Study of Throat Packs Soaked in Gengigel Spray Versus Normal Saline in Patients Undergoing Elective Surgery Under General Anaesthesia

Sabreena Ismail[1*], Ili Syazana Jamal Azmi[2]

1. Anaesthesia, Hospital Tuanku Jaafar,Seremban, Malaysia
2. Anaesthesia, KPJ Selangor, Malaysia

AP-07-2
2026-0281

A Novel Artificial Intelligence (AI) Module to Enhance Junior Anaesthesia Doctors' Consultations at the Pre-Anaesthesia Clinic (PAC)

David Mathew[1*], Geraldine Pei Chin Cheong[1], Chow Minyang[2]

1. Anaesthesiology, Khoo Teck Puat Hospital, Singapore
2. Internal Medicine, Tan Tock Seng Hospital, Singapore

AP-07-3
2026-0253

Current Status and Future Challenges of the Cardiothoracic Anesthesiologists Workforce in Korea

Yeon Jae Song[1], Hyun Ah Lee[1], Choon Hak Lim[1], Kyungmi Kim[1*]

1. Department of Anesthesiology and Pain Medicine, Anam Hospital, College of Medicine, Korea University, Republic of Korea

AP-07-4
2026-0060

Factors Influencing Job Embeddedness among Anesthesia Nurses

jebog Yoo[1,2*], Sun Koung Cho[2], Chang Ok Pyo[2], Mi Ra Jung[2]

1. College of Nursing Korean Society of PeriAnesthesia Nurses, Gyeongsang National University, Republic of Korea
2. Korean Society of PeriAnesthesia Nurses, Member of the Board of Directors, Republic of Korea

AP-07-5
2026-0501

AI, Faculty, and Standardized Patients: Evaluating Resident Empathy in Anesthesiology Simulation Using the CARE Measure

Tachawan Jirativanont[1*], Narit Hnoohom[2], Parichad Apidechakul[3], Siriwipa Tiratrakoonwichaya[1], Chayawat Nilsumrit[2]

1. Anesthesiology, Siriraj Hospital, Thailand
2. Computer Engineering, Mahidol University, Thailand
3. Siriraj Health Science Education Excellence Center, Siriraj Hospital, Thailand

AP-07-6
2026-0571

Heart Sound-Derived Acoustic Variability Index Predicts Fluid Responsiveness Across Open and Laparoscopic Hepatopancreatobiliary Surgery: A Prospective Confirmative Study

Woo-Jin Kim[1], Hyun-Seok Kim[2], Woo-Young Seo[1], Sung-Hoon Kim[1,3*]

1. Anesthesiology and Pain Medicine, University of Ulsan, Republic of Korea
2. Big Data Research Center, Asan Institute for Life Science, Republic of Korea
3. AI Research Team, Signal House, Co., Ltd., Republic of Korea

Presentation

Abstract Presentation 8

Date / Time	Nov 5 (Thu), 13:30-15:00
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Sujin Baek *(Chungnam National University, Republic of Korea)* Sung-Ae Cho *(Sungkyunkwan University, Republic of Korea)*

AP-08-1 2026-0371

Operating Room Optimization and Workforce Stabilization in a Secondary-Care Teaching Hospital: A Quality Improvement Initiative

Yumin Song[1], Young Uk Kim[1*]

1. The Department of Anesthesiology and Pain Medicine, International Saint Mary Hospital, Republic of Korea

AP-08-2 2026-0190

From Recognition to Rescue: Development, Implementation and Evaluation of a High-Fidelity Crisis Care Simulation Programme for Perioperative Nursing Team Training

Chaminda Godage[1*], Simone Misquita[1], Namisha Goyal[2], Zhang Yuan[3], Menakha Gopaladhas[3], Ashokka Balakrishnan[1]

1. Department of Anaesthesia and Pain Medicine, National University Hospital Singapore (NUHS), Singapore
2. Department of Anesthesia, Alexandra Hospital Singapore (NUHS), Singapore
3. Department of Nursing, National University of Singapore (NUHS), Singapore

AP-08-3 2026-0292

Lavage and Recharge: Reducing Battery Waste through Repurposing in the Operating Theatre

Chi Feng[1*], Yifoong Chia[1]

1. Changi General Hospital, SingHealth Anaesthesiology, Singapore

AP-08-4 2026-0210

Comparing Verbal and Visual Explanations for General Anesthesia Comprehension in the Elderly: A Pilot Randomized Trial

Sangwoo Kim[1], Young Suk Kwon[1*]

1. Department of Anesthesiology and Pain Medicine, Hallym University Chuncheon Sacred Heart Hospital, Republic of Korea

AP-08-5 2026-0531

Prevalence and Factors Associated with Burnout among Anaesthesiology and Critical Care Postgraduate Trainees in Teaching Hospitals in Malaysia: A Multicentre Cross-Sectional Study

Emma Yuhanis Maamor[1], Maryam Budiman[1*], Wan Rahiza Wan Mat[1], Siti Nadzrah Yunus[2], Mohd Zulfakar Mazlan[3], Nik Rowina Nik Mohammed[4], Suhaila Nanyan[5], Zawiah Kassim[6], Afifah Samsudin[6]

1. Department of Anaesthesiology and Intensive Care, Hospital Canselor Tuanku Muhriz, Universiti Kebangsaan Malaysia, Malaysia
2. Department of Anaesthesiology, University of Malaya, Malaysia
3. Department of Anaesthesiology and Intensive Care, Universiti Sains Malaysia, Malaysia
4. Department of Anaesthesiology and Intensive Care, Universiti Putra Malaysia, Malaysia
5. Department of Anaesthesiology & Intensive Care, International Islamic University Malaysia, Malaysia
6. Department of Anaesthesiology & Intensive Care, Universiti Teknologi MARA (UiTM), Malaysia

AP-08-6 2026-0064

Ethical Readiness and Trust in AI-Assisted Anaesthesia: A Cross-Sectional Survey Study Among Anaesthesia Professionals in a Developing country

Tiajem Jamir[1*]

1. Anaesthesiology, All India Institute of Medical Sciences, New Delhi, India

AP-08-7 2026-0124

Alpha Dropout on the Density Spectral Array as a Real-Time pEEG Guide for Intraoperative Analgesia Titration: A Case Report

Caitlin Choo[1], Wah Tze Tan[2*]

1. Anaesthesia, National University Hospital Singapore, Singapore
2. Anaesthesia, Ng Teng Fong General Hospital Singapore, Singapore

AP-08-8 2026-0335

Intraoperative Density Spectral Array Changes Suspicious for Ictal Activity during Sevoflurane Anesthesia

Seunghee Ki[1*], Jaewoo Suh[1], Youngkyun Ko[1]

1. Anesthesiology and Pain Medicine, Buasn Paik Hospital, Republic of Korea

Presentation

Abstract Presentation 9

Date / Time	Nov 5 (Thu), 13:30-15:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Tae-Yun Sung *(Konyang University, Republic of Korea)* Hyewon Oh *(Ewha Womans University, Republic of Korea)*

AP-09-1
2026-0419

Discordance Between Frailty and Acute Illness Severity in Surgical Outcomes in Patients of Extreme Age, Binational Multicentre Cohort Study

Je Min Suh[1], Laurence Weinberg[1,2*], Dong Kyu Lee[3]

1. Department of Anaesthesia, Austin Health, Australia
2. Department of Critical Care, University of Melbourne, Australia
3. Anesthesiology and Pain Medicine, Dongguk University Ilsan Hospital, Republic of Korea

AP-09-2
2026-0285

Newly Diagnosed Postoperative Depression and Incident Dementia after Major Surgery: A Korean Nationwide Retrospective Cohort Study

Hyeong Kyeong Choi[1], Jeayoun Kim[2], Eun Jin Kwon[1], Jin Hee Ahn[1], Eun A Cho[1], Jae-Geum Shim[1], Eun Jung Oh[1*]

1. Department of Anesthesiology and Pain Medicine, Kangbuk Samsung Hospital, Republic of Korea
2. Department of Anesthesiology and Pain Medicine, Samsung Medical Center, Republic of Korea

AP-09-3
2026-0241

Effect of Remimazolam and Propofol on Postoperative Delirium in Elderly Patients Undergoing Hip or Knee Surgery

In-Jung Jun[1*], Jun Seok Park[1], Sangseok Lee[1]

1. Department of Anesthesiology and Pain Medicine, Sanggye Paik Hospital, Inje University, Republic of Korea

AP-09-4
2026-0420

Clinical Frailty and Postoperative Recovery After Total Joint Arthroplasty in Nonagenarians and Centenarians, Binational Multicentre Cohort Study

Je Min Suh[1], Laurence Weinberg[1,2*], Dong Kyu Lee[3]

1. Department of Anaesthesia, Austin Health, Australia
2. Department of Critical Care, University of Melbourne, Australia
3. Anesthesiology and Pain Medicine, Dongguk University Ilsan Hospital, Republic of Korea

AP-09-5
2026-0486

Computed Tomography-Derived Rectus Abdominis Muscle Measures Outperform Psoas Measures for Discriminating Hip Fracture Status in Older Adults

Woojin Kwon[1*], Hojin Oh[1]

1. Department of Anesthesiology and Pain Medicine, Konyang University Hospital, Konyang University College of Medicine, Daejeon 35365, Republic of Korea

AP-09-8
2026-0433

Factors Influencing Caregivers' Intention to Use a LINE-Integrated Web Application for Postoperative Cognitive Dysfunction Care

Arunotai Siriussawakul[1], Thanwalai Pisalayon[2], Thitiya Ngowchieng[1*], Pattarapong Maneechot[1], Yanist Laopakdee[2], Chanya Mekasuwandumrong[3], Arisa Thurakij[3]

1. Department of Anesthesiology, Faculty of Medicine Siriraj Hospital,Mahidol University, Bangkok, Thailand
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3. Medical Student, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

Presentation

Abstract Presentation 10

Date / Time	Nov 5 (Thu), 13:30-15:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Eunsoo Kim *(Pusan National University, Republic of Korea)* Seong-Soo Choi *(University of Ulsan, Republic of Korea)*
AP-10-2 2026-0373	Opioid-Free Multistep Opiranserin Infusion Versus Fentanyl PCA after Breast-Conserving or Minimally Invasive Gynecologic Surgery Jiho Park[1*], Juyeon Kim[1] 1. Department of Anesthesiology and Pain Medicine, Chungnam National University Sejong Hospital, Republic of Korea
AP-10-3 2026-0175	Evaluation of Singapore's First Community-Based Pain Management Program Lydia Li[1,2,3*] 1. Anaesthesia, Changi General Hospital, Singapore Health Services, Singapore 2. Yong Loo Lin School of Medicine, National University of Singapore 3. Duke NUS Medical School, Singapore
AP-10-5 2026-0443	Association between Total Intraoperative Opioid and Rescue Analgesia Requirements in the Recovery Room with Postoperative PCA Opioid Consumption and Patient Satisfaction Athirah Ab Rashid[1], Ahmad Fariz Elias[1*] 1. Anaesthesiology and Critical Care, University Malaya Medical Centre, Malaysia
AP-10-6 2026-0556	Resolution of COVID Induced Autonomic Dysfunction Following Bilateral Stellate Ganglion Blocks Thomas Oh[1*], Jimmy Li[2], Harryison Yu[2], Jason Xin[3] 1. Anesthesiology, St. Louis University Hospital, USA 2. Psychiatry, St. Louis University Hospital, USA 3. Radiology, St. Louis University Hospital, USA
AP-10-7 2026-0406	Bilateral External Oblique Intercostal Plane Catheters for Rescue Analgesia Following Open Abdominal Aortic Aneurysm Repair through a Supraumbilical Transverse Incision: A Case Report Onn Kee Cheah[1*], Iskandar Khalid[1], Soon Heng Lee[1], Jian Hai Chai[1] 1. Anaesthesiology and Critical Care, The National University of Malaysia, Malaysia
AP-10-8 2026-0608	Beyond the Neuraxis- Lumbar Plexus Block for THR Keerthana Jayabalan[1], Sumathi Shankar[1], Gyanveer Singh[1*] 1. Anesthesia, Apollo Hospital Enterprises Limited, India

Presentation

Abstract Presentation 11

Date / Time	Nov 5 (Thu), 15:30-17:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Chahyun Oh *(Chungnam National University, Republic of Korea)* Hee Young Kim *(Pusan National University, Republic of Korea)*

AP-11-1
2026-0257

Association between Postoperative Hemoglobin and Acute Kidney Disease after Valvular Heart Surgery: A Retrospective Cohort Study

Jin Sun Cho[1], Young Lan Kwak[1*], Soo Yeon Kim[1]

1. Department of Anesthegiology and Pain Medicine, Yonsei University College of Medicine, Republic of Korea

AP-11-2
2026-0411

Comparison of Ondansetron and Dexamethasone Combination Versus Ondansetron Alone for Prevention of Postoperative Nausea and Vomiting in Cardiac Surgery: An Interim Analysis of a Randomized Controlled Trial

Jiratchaya Dolkittanasophon[1], Asamaporn Puetpaiboon[1*], Sumidtra Prathep[1], Chanatthee Kitsiripant[1], Parin Boonthum[2]

1. Anesthesiology, Songklanagarind Hospital, Thailand
2. Cardiothoracic Surgery, Songklanagarind Hospital, Thailand

AP-11-3
2026-0098

Milrinone Improves Right Ventricular Longitudinal Strain and Ventriculo-Arterial Coupling During Cardiac Surgery: A Prospective Observational Study

Chung-Sik Oh[1*], Heezoo Kim[2], Dong-Kyu Lee[3], André Denault[4], Seon-Ju Park[1], Tae-Yop Kim[1]

1. Anesthesiology and Pain Medicine, Konkuk University Medical Center, Republic of Korea
2. Anesthesiology and Pain Medicine, Korea University Guro Hospital, Republic of Korea
3. Anesthesiology and Pain Medicine, Dongguk University Ilsan Hospital, Republic of Korea
4. Anesthesiology, Montreal Heart Institute, University of Montreal, Canada

AP-11-4
2026-0025

Autonomic Vulnerability Amplifies Hypotension-Related Myocardial Injury After Noncardiac Surgery in Older Adults

Cheol Lee[1*], Hansol Hong[1]

1. Department of Anesthesiology and Pain Medicine, Wonkwang University School of Medicine Hospital, Republic of Korea

AP-11-5
2026-0095

Early Prediction Study of Postoperative Coagulation Status Using TEG6 10-Minute Markers in Cardiac Surgery

Eunji Ko[1], Kyungmi Kim[1*]

1. Anesthesiology and Pain Medicine, Korea University Anam Hospital, Republic of Korea

AP-11-6
2026-0592

Targeted Prelocation vs Real-Time Ultrasound Guidance for Internal Jugular Vein Catheterization by Anesthesiology Residents: A Randomized Controlled Trial

Tithiganya Duangrat[1], Suvapat Jeamjungreed[1*], Ramita Wanghirankul[1]

1. Anesthesiology, Siriraj Hospital, Thailand

AP-11-7
2026-0151

Hydrogen Peroxide-Induced Venous Air Embolism in a Patient with Brugada Syndrome: An Under-recognized Perioperative Risk

Liew Wan Jane[2], Neo Shu Huei[2], Sara Ai Lin Ang[1*]

1. Women's Anaesthesia, KK Women's and Children's Hospital, Singapore
2. Anaesthesiology, Singapore General Hospital, Singapore

AP-11-8
2026-0074

Unmasking Dynamic LVOT Obstruction in a Trauma Patient with Intra-Operative Haemodynamic Instability

Benedict Tan[1], Madong Ye[1*]

1. Department of Anaesthesiology, Khoo Teck Puat Hospital, Singapore

Presentation

Abstract Presentation 12

Date / Time	Nov 5 (Thu), 15:30-17:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seung Hyun Kim *(Yonsei University, Republic of Korea)* Young Sung Kim *(Korea University, Republic of Korea)*

AP-12-1
2026-0146

Development of a Prediction Model for Hypoxemia During One-Lung Ventilation Using Preoperative Factors: A Machine Learning Approach

Jung-Yeon Park[1], Sooah Cho[1], Soo-Hyuk Yoon[1*]

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AP-12-2
2026-0401

Comparison of Remifentanil- vs Sufentanil-Based Total Intravenous Anesthesia on Intraoperative Blood Pressure Variability During Video-Assisted Thoracic Surgery: A Randomized Controlled Trial

Seukyoung Hong[1], Ji Hyeon Lee[1*], Jiyoun Lee[1], Jin-Woo Park[1], Sung-Hee Han[1], Jin-Hee Kim[1]

1. Anesthesiology and Pain Medicine, SNUBH, Republic of Korea

AP-12-3
2026-0353

Quality of Recovery Following Oncological Thoracotomy: Continuous Erector Spinae Plane Block Versus Thoracic Epidural Analgesia—The CEPET Randomized Trial

Abhilasha Mishra[1], Surjyendu Ghosh[1*], Sushma Bhatnagar[1], Shweta Bhopale[2]

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2. Onco Anaesthesia and Palliative Medicine, Aiims New Delhi, India

AP-12-4
2026-0464

Comparison of Peri-Operative Pulmonary Outcomes in Pressure-Controlled Ventilation (PCV) Versus Volume-Controlled Ventilation (VCV) in Patients Undergoing Robot Assisted Urology Surgery in Trendelenburg Position-A Prospective Randomized Control Trial

Sujethram P[1], Chhavi Sawhney[1*], Rashmi Ramachandran[1], Vimi Rewari[1], Ravinder Pandey[1], Sharmishtha Pathak[1]

1. Department of Anaesthesiology, Pain Medicine and Critical Care, AIIMS Delhi, India

AP-12-5
2026-0467

Veno-Venous Extracorporeal Membrane Oxygenation for Positional Ventilatory Collapse Caused by a Giant Intrathoracic Solitary Fibrous Tumor: A Case Report

Jeongeun Moon[1], Joo Yong Lee[1*]

1. Department of Anesthesiology and Pain Medicine, Chungbuk National University Hospital, Republic of Korea

AP-12-6
2026-0523

Anaesthetic Management of a Benign Vascular Sternal Neoplasm Excision and Implant Placement: A Case Report

Keerthana Gajendran[1], Debesh Bhoi[1*], Shashi Dhruva[1]

1. Anaesthesiology, Pain Medicine and Critical Care, All India Institute of Medical Sciences, New Delhi, India

AP-12-7
2026-0154

Anesthesia for Tracheobronchial Stenting Using Flexible Bronchoscope in Children with Recurrent Airway Stenosis

Eva Komala Sari[1*], Yoga Pranata[1], Rori Alfath[1], Agung Bintartho[1]

1. Anesthesiology and Intensive Care, Harapan Kita Mother and Children Hospital, Indonesia

AP-12-8
2026-0185

Anaesthetic Management for Rigid Oesophagoscopy in Ehlers-Danlos Syndrome

Zhao Kai Low[1*]

1. Anaesthesia, Ng Teng Fong General Hospital, Singapore, Singapore

Presentation

Abstract Presentation 13

Date / Time	Nov 5 (Thu), 15:30-17:00
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Dong Kyu Lee *(Dongguk University, Republic of Korea)* Chung-Sik Oh *(Konkuk University, Republic of Korea)*

AP-13-1 2026-0392

Effect of Individualized Positive End-Expiratory Pressure on Driving Pressure and Mechanical Power during Laparoscopic Colorectal Surgery: A Randomized Controlled Trial

Hyun Jeong Kwak[1], Youn Yi Jo[1], Jung Ju Choi[1], Ga Hee Kim[1], Chun Gon Park[1*]

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AP-13-2 2026-0451

Development and Evaluation of a Machine Learning Model to Predict Dynamic Lung Compliance in Patients Undergoing Mechanical Ventilation under General Anesthesia

Sungmo Ahn[1], Hyojin Byon[1*], Namo Kim[1]

1. Anesthesiology and Pain Medicine, Severance, Republic of Korea

AP-13-3 2026-0099

Predicting Postoperative Acute Kidney Injury in Thoracic Surgical Patients Using Cascade Machine Learning

Tanyong Pipanmekaporn[1*], Luepol Pipanmekaporn[2], Prangmalee Leurcharusmee[1], Settapong Boonsri[1], Kanabodee Srisomboon[3]

1. Department of Anesthesiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand 50200, Thailand
2. Department of Computer and Information Science, King Mongkut's University of Technology North Bangkok, Bangkok, Thailand
3. Department of Electrical and Computer Engineering, King Mongkut's University of Technology North Bangkok, Bangkok, Thailand

AP-13-4 2026-0156

Retrospective Observational Study of Lung Isolation Devices in Adult Elective Thoracic Surgeries over 10 Years in a Tertiary Cancer Care Hospital

Madhavi Shetmahajan[1*], Priya Ranganathan[1], Swapnil Parab[1], Bindiya Salunke[1], Anjali Kumari[1]

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AP-13-5 2026-0305

Refractory Hypercapnia during Anesthesia for Rectal Cancer Robotic Surgery

Youngkyu Park[1], Wonhyung Lee[1*], Dongho Park[1], Hanyoung Kim[1]

1. Department of Anesthesiology and Pain Medicine, Eulji University Hospital, Daejeon, Republic of Korea

AP-13-6 2026-0273

Cystic Lungs and Silent Danger: Anesthetic Lessons from a Case of Lymphangioleiomyomatosis (LAM)

Hannah Patricia Del Carmen[1], Rosaldro Biasbas[1*], Numeriano Samar, Jr.[1], Danilo Ocampo[1]

1. Department of Anesthesiology, Ospital ng Maynila Medical Center, Philippines

AP-13-7 2026-0282

A Case Report of an Atypical Manifestation of Acute Pulmonary Embolism under General Anaesthesia

David Mathew[1*]

1. Anaesthesiology, Khoo Teck Puat Hospital, Singapore

AP-13-8 2026-0310

Closed-Loop Adaptive Support Ventilation (INTELLiVENT-ASV) in Severe ARDS Secondary to Lupus-Induced Diffuse Alveolar Hemorrhage

Mohd Wafiq Irfan Zawawi[1], Izzuddin Azaharuddin[1*]

1. Anaesthesiology and Intensive Care, National University of Malaysia, Malaysia

Presentation

Abstract Presentation 14

Date / Time	Nov 5 (Thu), 15:30-17:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Aeryoung Lee *(Jeju National University, Republic of Korea)* Yoon Ji Choi *(Korea University, Republic of Korea)*

AP-14-1
2026-0465

Regional Disparities in Inter-Hospital Transfer among Time-Critical Obstetric Emergencies: An 11- Year Nationwide Study of Access to Emergency and Operative Care in Korea

Jernghun Kim[1], Heeye Lim[1], Hye Sook Min[2], Ho Kyung Sung[2], Mijung Yun[1*]

1. Department of Anesthesiology and Pain Medicine, National Medical Center, Republic of Korea
2. Public Health Research Institute, National Medical Center, Republic of Korea

AP-14-2
2026-0173

Impact of an Enhanced Recovery after Cesarean Delivery Program on Postoperative Pain and Recovery

Seung Woo Song[1], Seong Jin Choi[2*]

1. Department of Anesthesiology and Pain Medicine, Wonju College of Medicine, Yonsei University, Republic of Korea
2. Department of Obstetrics and Gynecology, Wonju College of Medicine, Yonsei University, Republic of Korea

AP-14-3
2026-0579

Comparison of Impact of Intrathecal Morphine with Ultrasound-guided Transversus Abdominis Plane Block on Patient Reported Quality of Recovery Following Elective Caesarean Delivery: A Non-Inferiority Randomized Trial

Abhishek Jadhav[1], Anshul Singh[2*], Rashmi Ramachandran[3], Vimi Rewari[4], Nitin Choudhary[5], Aditi Suri[6], K Aparna Sharma[7]

1. Anesthesiology, Pain Medicine and Critical Care, Junior Resident, India
2. Anesthesiology, Pain Medicine and Critical Care, Assistant Professor, India
3. Anesthesiology, Pain Medicine and Critical Care, Professor, India
4. Anesthesiology, Pain Medicine and Critical Care, Professor, India
5. Anesthesiology, Pain Medicine and Critical Care, Assistant Professor, India
6. Anesthesiology, Pain Medicine and Critical Care, Assistant Professor, India
7. Obstetrics and Gynaecology, Professor, India

AP-14-5
2026-0385

Navigating Pheochromocytoma in Advanced Pregnancy: A Four-Decade Review

Rashmi Ramachandran[1], Vimi Rewari[1], Lipika Soni[1], Kritika Sharma[1], Saundarya Monga[1*]

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AP-14-6
2026-0166

Post-Operative Pain and Associated Factors after Cesarean Section Performed under Spinal Anesthesia at a Tertiary Hospital in the Philippines

Louis Raymund Concepcion[1*], Angelo Miguel Realina[1]

1. Department of Anesthesiology, Bataan General Hospital and Medical Center, Philippines

AP-14-8
2026-0394

Assessment of Residual Gastric Volume in Pregnancy Using Point-of-care Ultrasonography: A Systematic Review and Meta-analysis

Surbhi Goswami[1], Heena Garg[1*]

1. Anaesthesia, AIIMS Delhi, India

Presentation

Abstract Presentation 15

Date / Time	Nov 5 (Thu), 15:30-17:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Sujin Baek *(Chungnam National University, Republic of Korea)* Hyo-Jin Byon *(Yonsei University, Republic of Korea)*

AP-15-1
2026-0217

Effect of Remimazolam Administered at the End of Surgery on Emergence Delirium in Children Undergoing General Anesthesia: A Randomized Controlled Trial

Natsumi Yamamoto[1*], Satoshi Kimura[1], Moritoki Egi[1]

1. Department of Anesthesiology, Kyoto University Hospital, Japan

AP-15-2
2026-0589

A Heart Off the Beaten Path-Navigating AVNRT and WPW Syndrome in a Cardiomyopathic Parturient for Elective LSCS

Keerthana Jayabalan[1], Elayaraja Subramanian Mariappan[1*]

1. Anesthesia, Apollo Hospital Enterprises Limited, India

AP-15-3
2026-0479

Effect of Pregabalin Premedication on Emergence Agitation in Pediatric Infraumbilical Abdominal Surgery after Sevoflurane Anaesthesia, Double Blinded, Randomized Placebo Control Study

Himanshi Himanshi[1], Subrata Singha[2*]

1. Anesthesia, Pain Medicine and Critical Care, AIIMS Delhi, India
2. Anesthesia and Critical Care, AIIMS Raipur, India

AP-15-4
2026-0107

Bridging the Gap in Paediatric Anaesthesia Tools: Usability Assessment of the MyPaedsAnaesth App in a Tertiary Teaching Hospital

Muhammad Hafidz Bin Hasan[1,2], Zawiah Binti Kassim[1,2*], Afifah Binti Samsudin[1,2], Asmah Binti Azizeh[1,2]

1. Department of Anaesthesiology and Intensive Care, Hospital Al-Sultan Abdullah (UiTM) Puncak Alam, Dr, Malaysia
2. Faculty of Medicine, Universiti Teknologi MARA, Sungai Buloh, Selangor, Dr, Malaysia

AP-15-5
2026-0252

Incidence of Spinal Anesthesia Induced Hypotension after Premedication with Ondansetron in Pregnant Patients Who Underwent Cesarean Section at Quirino Memorial Medical Center: A Retrospective Study

Jusmin Erica Kate Bustamante[1*]

1. Anesthesia, Laguna Provincial Hospital-San Pedro District Hospital, Philippines

AP-15-6
2026-0266

Possible Concurrent Amniotic Fluid Embolism and Perioperative Anaphylaxis during Cesarean Delivery: A Case Report

Surim Hong[1], Sejong Jin[1*]

1. Anesthesiology & Pain Medicine, Korea University Anam Hospital, Republic of Korea

AP-15-7
2026-0148

Uterine Rupture from Undiagnosed Placenta Percreta at a Prior Cornual Resection Scar in a Twin Pregnancy: A Case Report

Jisu Hong[1], Eun Mi Choi[1*]

1. Anesthesiology and Pain Medicine, Kangnam Sacred Heart Hospital, Republic of Korea

AP-15-8
2026-0567

Diagnostic Challenges and Management of Massive Irrigation Fluid Intravasation During Operative Hysteroscopy: A Case Report

Kyu Nam Kim[1*], Na Yeon Kim[1], Hyejin Jang[1]

1. Department of Anesthesiology and Pain Medicine, Hanyang University, Republic of Korea

Presentation

Abstract Presentation 16

Date / Time	Nov 6 (Fri), 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	JunHyun Kim *(Inje University, Republic of Korea)* Kyu Nam Kim *(Hanyang University, Republic of Korea)*

AP-16-1 2026-0603

Effect of Goal-Directed Blood Pressure Management Using the Hypotension Prediction Index on Acute Kidney Injury after Robotic Urologic Surgery: A Randomized Controlled Trial

Sooyoung Cho[1,2*], Sunho Lim[1,2], Sunyoung Moon[1,2], Seunghee Yoo[1,2], Chahyun Oh[4], Hee Seung Lee[1,2], Jae Hee Woo[1,3], Won-joong Kim[1,2], Hye-Won Oh[1,3], Ji Seon Chae[1,3]

1. Anesthesiology and Pain Medicine, Ewha Womans University College of Medicine, Republic of Korea
2. Anesthesiology and Pain Medicine, Ewha Womans University Medical Center Mokdong Hospital, Republic of Korea
3. Anesthesiology and Pain Medicine, Ewha Womans University Medical Center Seoul Hospital, Republic of Korea
4. Anesthesiology and Pain Medicine, Chungnam National University College of Medicine, Republic of Korea

AP-16-2 2026-0239

Non-invasive Prediction of Preload Dependency Using Peripheral Venous Waveform-Based Machine Learning

Insun Park[1*], Jae Hyon Park[2]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Republic of Korea
2. Department of Radiology, Severance Hospital, Yonsei University College of Medicine, Republic of Korea

AP-16-3 2026-0157

Paradoxical Burst Suppression at an Appropriate Patient State Index during General Anesthesia: Frequency, Associated Factors, and Monitor Under-detection

Su Yeon Cho[1], Dong Joon Kim[1], Yujeong Kim[1], Ki Tae Jung[1*]

1. Anesthesiology and Pain Medicine, Chosun University, Republic of Korea

AP-16-4 2026-0415

The Effect of Bilingual Audio-Visual Educational Aid on Patient Understanding of Patient-Controlled Analgesia: A Randomised Controlled Study

Nik Nawwar Adnin Nik Abdul Rahman[1*], Asmah Azizeh[1]

1. Anesthesiology and Critical Care, Faculty of Medicine, Universiti Teknologi MARA, Malaysia

AP-16-5 2026-0159

Reduced Oxygen Reserve Index during Low-flow Anesthesia Reflects Lower Delivered FiO_2, Not Co_2 Rebreathing: A Retrospective Cohort Study

Gun hyoo Ban[1], Dong Joon Kim[1], Ki Tae Jung[1*]

1. Anesthesiology and Pain Medicine, Chosun University, Republic of Korea

AP-16-6 2026-0519

A Sustainable, Low-Cost, 3D-Printed Emergency Front-of-Neck Access (eFONA) Model: A Nine-Iteration Development Report

Siti Nadzrah Yunus[1*]

1. Anaesthesiology, Universiti Malaya, Malaysia

AP-16-7 2026-0532

CONOX-Guided Anesthesia for Opioid Sparing and Perioperative Recovery-A Systematic Review and Meta-analysis

Febri Anriyani[1,2], Djayanti Sari[1,2*], Bowo Adiyanto[1,2], Brian Arianto[2], Felicia Averine[2]

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2. Faculty of Medicine, Public Health, and Nursing, Gadjah Mada University, Indonesia

AP-16-8 2026-0198

Delayed Recognition of Posterior Arytenoid Cartilage Dislocation After Uneventful Intubation During Robotic Prostatectomy: Educational Lessons for Perioperative Airway Assessment

Seong Hyeok Lee[1], Hyunjung Koh[1*]

1. Anesthesiology and Pain Medicine, Seoul St. Mary Hospital, Republic of Korea

Presentation

Abstract Presentation 17

Date / Time	Nov 6 (Fri), 11:00-12:30
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Young-Eun Jang *(Seoul National University, Republic of Korea)* Hyo-Jin Byon *(Yonsei University, Republic of Korea)*
AP-17-1 2026-0181	Effects of Topical Glycerin with Hyaluronic Acid on Postoperative Sore Throat in Children: A Randomized Controlled Trial Gahyeon Kim[1], Seungcheol Lee[1], Soron Choi[1], Mina Kim[1], Geonho Lee[1], Sangyoong Park[1*] 1. Department of Anesthesiology and Pain Medicine, Dong-A University Hospital, Republic of Korea
AP-17-2 2026-0268	Peri-Extubation FiO_2 Strategies and Postoperative Respiratory Outcomes in Children Undergoing General Anesthesia: a Scoping Review Keisuke Kaneko[1*], Norifumi Kuratani[2] 1. Department of Anesthesiology and Perioperative Medicine, Nihon University School of Dentistry, Japan 2. Department of Anesthesiology, Saitama Children's Medical Center, Japan
AP-17-3 2026-0496	Clinical Efficacy of the SafeLM® Supraglottic Airway Device in Paediatric Population Chin Ang Ng[1*], Muhammad Syamel Aizad Mohd Amin[3], Rufinah Teo[1], Sook Hui Chaw[3], Ina Ismiarti Shariffuddin[3], Siti Nidzwani Mohamad Mahdi[1], Farah Hanim Abdullah[1], Izzuddin Azaharuddin[1], Azlina Masdar[1], Mohd Khazrul Nizar Abd Kader[2], Pravesh Arjan[4] 1. Department of Anaesthesiology and Intensive Care, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia 2. Department of Anaesthesiology and Intensive Care, Hospital Canselor Tuanku Muhriz, Kuala Lumpur, Malaysia 3. Department of Anaesthesiology, Faculty of Medicine, Universiti of Malaya, Kuala Lumpur, Malaysia 4. Hospital Tunku Ampuan Besar Tuanku Aishah Rohani, Hospital Pakar Kanak-kanak, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia
AP-17-4 2026-0186	Evaluation of the Assessment of Sonographic Airway Assessment Parameters to Predict Difficult Airway in Children Mritunjay Kumar[1*], Aditya Anand[1] 1. Department of Anaesthesiology, Pain Medicine and Critical Care, All India Institute of Medical Sciences, New Delhi, India
AP-17-5 2026-0539	Epidural Bolus: Ultrasound-Guided Versus Weight-Based Dosing for an Ex-36 weeker with Developmental Hip Dysplasia Alexa Uribe[1], Elia Rieder[1], Felipe Perez[1*] 1. Anesthesiology, Stanford University School of Medicine, USA
AP-17-7 2026-0194	Sudden Intraoperative Ventilation Failure Caused by Kinking of an Endotracheal Tube in a Pediatric Patient Undergoing Ophthalmic Surgery: A Case Report Woohyun Park[1], Kyungmi Kim[1*], Jaewoo Kim[1], JangEun Cho[1] 1. Department of Anesthesiology and Pain Medicine, Korea University Anam Hospital, Republic of Korea
AP-17-8 2026-0179	Anaesthetic Management of a Ruptured Giant Sacrococcygeal Teratoma Causing Massive Haemorrhage in a Neonate Immediately After Delivery Chloe Yeo[1*] 1. Anaesthesiology, KK Women and Children's Hospital, Singapore

Presentation

Abstract Presentation 18

Date / Time	Nov 6 (Fri), 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Soowon Lee *(Seoul National University, Republic of Korea)* Ki Tae Jung *(Chosun University, Republic of Korea)*

AP-18-1
2026-0397

Respiratory Adverse Events with Propofol Alone Versus Dexmedetomidine Plus Propofol during Deep Sedation for Total Knee Arthroplasty under Spinal Anaesthesia: a Randomised Controlled Trial

Young In Lee[1], Seunguk Bang[1*], Jihyun Chung[1], Jungwon Shin[1], Yoonji Park[1]

1. Department of Anesthesiology and Pain Medicine, The Catholic University of Korea, Republic of Korea

AP-18-2
2026-0251

The Safety of Remimazolam Depends on How You Give It: Bolus Administration as a Common Risk Factor for Hypotension and Anaphylaxis

Hyunyoung Seong[1*], Jeonghoon Lee[1], Jang Eun Cho[1], Seung Zhoo Yoon[1], Sung Uk Choi[1]

1. Anesthesiology and Pain Medicine, Korea University Medical Center, Anam Hospital, Republic of Korea

AP-18-3
2026-0164

Diphenhydramine Inhibits ATP-Sensitive Potassium Channel-Induced Vasodilation via PKC Activation in Isolated Rat Aorta

Kyeong-Eon Park[1], Gyujin Sim[1], Ju-Tae Sohn[1*]

1. Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Republic of Korea

AP-18-4
2026-0361

Association Between Intraoperative Etomidate Exposure and Adrenal Insufficiency After Surgery: A Nationwide Cohort Study

Howon Jang[1], Tak Kyu Oh[1*]

1. Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Republic of Korea

AP-18-5
2026-0511

Effect of Intravenous Acetaminophen on Emergence Agitation after General Anesthesia for Nasal Surgery: A Prospective, Randomized, Assessor-Blinded, Placebo-Controlled Trial

Hojin Oh[1], You-Seok Kim[1], Tae-Yun Sung[1*]

1. Department of Anesthesiology and Pain Medicine, Konyang University Hospital, Republic of Korea

AP-18-6
2026-0267

Effective Dose of Fentanyl for Hemodynamic Stability during Endotracheal Intubation under Remimazolam Induction: A Dose Finding Study Using Dixon's Up and Down Method

Sung-Ae Cho[1*], Chaeeun Kim[1]

1. Department of Anesthesiology and Pain Medicine, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Republic of Korea

AP-18-7
2026-0276

Effect of Intravenous Lidocaine on Hemodynamic Responses to Tracheal Intubation during Remimazolam Induction with Remifentanil Target-Controlled Infusion: A Randomized, Placebo Controlled Clinical Trial

Moonok Lee[1*], Ji Won Kim[1]

1. Department of Anesthesiology and Pain Medicine, Sungkyunkwan University Samsung Changwon Hospital, Republic of Korea

AP-18-8
2026-0237

Simulation of Oral Ringer's Solution Using an Extended Four-Compartment Volume Kinetic Model Incorporating Gastrointestinal Absorption and Metabolic Water Loss

Hyungseop Lee[1], Seung Eun Song[1], Hyun Jung Kim[1,2*], So Hui Yun[1,2], Jong Cook Park[1,2]

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Presentation

Abstract Presentation 19

Date / Time	Nov 6 (Fri), 11:00-12:30
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Young Chul Yoo *(Yonsei University, Republic of Korea)* Geunjoo Choi *(Chung-Ang University, Republic of Korea)*

AP-19-1
2026-0026

Personalized Music Increases Dreaming During Propofol Sedation: A Randomized Trial

Cheol Lee[1*], Kyongseo Kim[2]

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2. Student, Wonkwang University School of Medicine, Republic of Korea

AP-19-2
2026-0059

Factors Associated with Anesthetic Complications among Dental Patients Undergoing General Anesthesia at a Dental Hospital

Jitpisut Munsil[1], Phimphloi Phengklang[1*], Saruta Thongchunjit[2], Rungtiwa Kaewkunlaya[1], Krittika Saiso[1], Anuchart Sanomsri[1]

1. Anesthesia Unit, Dental Hospital Faculty of Dentistry Mahidol University Bangkok, Thailand
2. Operating Room Unit, Dental Hospital Faculty of Dentistry Mahidol University Bangkok, Thailand

AP-19-3
2026-0568

Impact of Nurse-Administered Sedation on Endoscopy Workflow and Patient Satisfaction: A Multicenter Study in Mongolia

Enkhchimeg Tuul[1*], Bayasgalan Baatarchuluun[1], Batkhurel Batbayar[2], Battsetseg Narantuya[1]

1. Endoscopy Department, Regional Diagnostic and Therapeutic Center, Dalanzadgad, Umnugovi, Mongolia
2. Endoscopy Department, Igic Endoscopic Center, Brilliant Hospital, Mongolia

AP-19-4
2026-0498

Persistent Opioid Use After Cancer Surgery in South Korea: Incidence and Risk Factors in a Nationwide Claims-Based Study

Taeyup Kim[1], Jae-Woo Ju[1], Ho-Jin Lee[1,2*]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Republic of Korea
2. Department of Anesthesiology and Pain Medicine, Seoul National University College of Medicine, Republic of Korea

AP-19-5
2026-0287

Comparison of Cervical Spine Motion between Hyperangulated and Macintosh-type Blades during Videolaryngoscopic Intubation under Simulated Cervical Spine Immobilization: A Randomized Controlled Trial

Eun Bi Park[1], Woo-Young Jo[1*], Seoyoung Ma[1], Kyong Won Shin[1], Hyongmin Oh[1], Hee-Pyoung Park[1]

1. Department of Anesthesiology and Pain Management, Seoul National University Hospital, Republic of Korea

AP-19-7
2026-0078

Beyond Local Infiltration: Monitored Anesthesia Care as a Standalone Technique for Breast-Conserving Surgery and Duct Excision — A Case Series

Mallika Ganesh[1*]

1. Department of Anesthesiology, Sri Shankara Cancer Hospital and Research Centre, India

AP-19-8
2026-0027

Age-Related Differences in Postoperative Pulmonary Complications Among Surgical Patients Using GLP-1 Receptor Agonists: A Multicenter OMOP-CDM Study

Hyungseok Suh[1*], Seokyoung Song[2], Myeongjun Kim[1], Je Jin Lee[3], Sang-Gyu Kwak[2]

1. Department of Anesthesiology and Pain Medicine, Chung-Ang University Hospital, Republic of Korea
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3. Department of Anesthesiology and Pain Medicine, Chung-Ang University College of Medicine, Republic of Korea

Presentation

Abstract Presentation 20

Date / Time	Nov 6 (Fri), 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Seokyoung Song *(Daegu Catholic University, Republic of Korea)* Seokyung Shin *(Yonsei University, Republic of Korea)*

AP-20-1
2026-0573

Frailty Index as a Risk Stratification Tool for Intraoperative Hypotension and Postoperative Acute Kidney Injury in the Elderly Population

Jeong-Min Gu[1], Woo-Jin Kim[1], Yerin Yoon[2], Woo-Young Seo[1], Hyun-Seok Kim[2], Sung-Hoon Kim[1*]

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2. Big Data Research Center, Asan Institute for Life Sciences, Republic of Korea

AP-20-2
2026-0358

Prognostic Nutritional Index Improves Mortality Risk Stratification Beyond ASA Classification in Older Patients Undergoing Noncardiac Surgery

Gaeun Lee[1], Ju Hyoun Park[2], Hwa-Young Jang[3], Young-Eun Joe[3], Seihee Min[3], Won-Jung Shin[3], In-Kyung Song[3*]

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2. Department of Anesthesiology and Pain Medicine, Asan Medical Center, Republic of Korea
3. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

AP-20-3
2026-0350

Surgical Inflammatory Response and the Residual Gastric Volume in Older Adults Undergoing Staged-Bilateral Total Knee Arthroplasty: A Prospective Observational Study

Hyo-Seok Na[1,2*], Hyeongwoo Kim[1]

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2. Department of Anesthesiology and Pain Medicine, Seoul National University, Republic of Korea

AP-20-4
2026-0332

Age-Related Heterogeneity in Postoperative Delirium With Remimazolam Versus Volatile Anesthesia After Major Vascular Surgery

Eun Ji Park[1*], Ah Reum Cho[1], Gayoung Park[1]

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AP-20-5
2026-0348

Preoperative Modifiable Risk Factors for Postoperative Outcomes after Lung Cancer Surgery: A Retrospective Cohort Study

Yerin Kang[1], Ahreum Cho[1*], Hyejin Kang[1]

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AP-20-6
2026-0340

Association between the Preoperative Advanced Lung Cancer Inflammation Index and Postoperative Delirium in Older Adults Undergoing Hip Surgery

Minju Kim[1], Jongwoan Kim[1], Wonjung Hwang[1*]

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AP-20-7
2026-0158

Acute Leukocyte Telomere Dynamics and Oxidative Stress as Biomarkers of Early Cognitive Resilience Following Major Orthopedic Surgery: A Prospective Observational Study

Puneet Khanna[1*], Deepika Sharma[1], Ankita Maheshwari[1], Ritika Tejwani[1]

1. Anesthesiology, Pain Medicine and Critical Care, AIIMS, New Delhi, India

Presentation

Abstract Presentation 21

Date / Time	Nov 6 (Fri), 13:30-15:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Hojin Lee *(Seoul National University, Republic of Korea)* Jae Hun Kim *(Konkuk University, Republic of Korea)*

AP-21-1
2026-0526

Age-Related Differences in the Modeled Minimum Fentanyl Effect-Site Concentration During 48-Hour Postoperative Intravenous Patient-Controlled Analgesia: A Retrospective Observational Study

Yuki Maeda[1*], Ami Ikeda[2], Ryosuke Kawanishi[3], Katsuya Tanaka[4]

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2. School of Medicine, Tokushima University, Japan
3. Surgical Center, Tokushima University Hospital, Japan
4. Anesthesiology, Tokushima University Graduate School of Biomedical Sciences, Japan

AP-21-2
2026-0407

Spiritual Support for Pain Management in Medicaid Facilities: A Cost-Effectiveness Analysis

Young Sung Kim[1*], Ji Won Yoo[2], Chaehyun Song[3]

1. Anesthesiology and Pain Medicine, Korea University, Republic of Korea
2. Internal Medicine, Kirk Kerkorian School of Medicine at UNLV, USA
3. Medicine, Harvard Medical School, USA

AP-21-3
2026-0085

Opioid-Free Multimodal Analgesia Versus Fentanyl for Prevention of Emergence Agitation in Children Undergoing Strabismus Surgery: A Randomized Double-Blind Non-Inferiority Trial

Jeongsoo Choi[1*], Sohyun Ka[1], Nayeon Kim[2], Hyuna Lee[2], Sohee Song[2]

1. Department of Anesthesiology and Pain Medicine, Soonchunhyang University Cheonan Hospital, Republic of Korea
2. Post Anesthesia Care Unit, Soonchunhyang University Cheonan Hospital, Republic of Korea

AP-21-5
2026-0558

Therapeutic Effectiveness of Epidural Blood Patch in Brain Sagging Syndrome

Thomas Oh[1*], Alexander Oh[2]

1. Anesthesiology, St. Louis University Hospital, USA
2. Radiology, University of Texas Medical Branch, USA

AP-21-6
2026-0024

Neck Pain after Gastroenteritis:Spontaneous Intracranial Hypotension: Case Report and Review

Yoong Chuan Tay[1*], Teng Roy Lai[1]

1. Anesthesiology, Singapore General Hospital, Singapore

AP-21-7
2026-0143

Ultrasound-Guided Bilateral Glossopharyngeal Nerve Pulsed Radiofrequency for Refractory Neuropathic Orofacial Pain: A Case Report

Hilary Tan[1], Oryza Eureka[1*]

1. Department of Anesthesiology and Intensive Care, University of Indonesia, Indonesia

AP-21-8
2026-0497

Bilateral Continuous Ultrasound-Guided Erector Spinae Plane Block for Postoperative Analgesia After Emergency Laparotomy in an Adolescent With Late-Presenting Hirschsprung Disease: A Case Report

Ainie Disomimba[1*], Athena Hafizza Derico-Abdullah[1]

1. Anesthesiology, Amai Pakpak Medical Center, Philippines

Presentation

Abstract Presentation 22

Date / Time	Nov 6 (Fri), 13:30-15:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Hee Young Kim *(Pusan National University, Republic of Korea)* Chahyun Oh *(Chungnam National University, Republic of Korea)*

AP-22-1
2026-0432

Fast-Track Cardiac Anaesthesia Using a Multimodal Pharmacological Bundle for Elective Coronary Artery Bypass Graft Surgery: A Multicentre Pilot Randomised Controlled Trial

Laurence Weinberg[1,2*], Je Min Suh[1], Nattaya Raykateeraroj[3], Anoop Koshy[4], Jay Bhaskar[5], George Matalanis[5], Sivendran Seevanayagam[5], Stephen Warrillow[6], Ziauddin Ansari[7], Dong Kyu Lee[8], Michael Yii[9]

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2. Department of Critical Care, University of Melbourne, Australia
3. Department of Anesthesiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand
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5. Department of Cardiothoracic Surgery, Austin Health, Australia
6. Department of Intensive Care, Austin Health, Australia
7. Department of Intensive Care, Epworth Hospital Richmond, Australia
8. Department of Anesthesiology and Pain Medicine, Dongguk University Ilsan Hospital, Republic of Korea
9. Department of Cardiothoracic Surgery, Epworth Hospital Richmond, Australia

AP-22-2
2026-0303

Preoperative Iron Deficiency and Postoperative Hemoglobin Recovery After Cardiac Surgery: Modifying Role of Preoperative Anemia

Seohee Ko[1], Young Lan Kwak[1*], Seungyeon Lee[1]

1. Department of Anaesthesiology and Pain Medicine, Yonsei University College of Medicine, Republic of Korea

AP-22-3
2026-0426

Impact of Leukocyte-Depleted Red Blood Cell Transfusion in Cardiac Surgery: An Interrupted Time-Series Analysis

Jisu Kim[1], Sang-Jun Park[1], In Jung Kim[1], Hangil Kang[1], Hyeon Cheun[1], Jaeyeon Chung[1], Youn Joung Cho[1], Karam Nam[1], Yunseok Jeon[1], Jae-Woo Ju[1*]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Seoul National University College of Medicine, Republic of Korea

AP-22-4
2026-0162

Protective Effect of Lipid Emulsion Against Toxic-Dose Diphenhydramine-Induced Apoptosis in Rat Cardiomyoblasts

Soo Hee Lee[1], Gyujin Sim[1], Ju-Tae Sohn[1*]

1. Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Republic of Korea

AP-22-5
2026-0460

Stroke Volume Variation-Guided vs Central Venous Pressure-Guided Fluid Management in Open Liver Resection: A Non-Inferiority Randomized Controlled Trial for Intraoperative Blood Loss

Kanchana Khaweephab[1], Chalita Samhuay[1], Sittasart Saothong[1], Srisulak Kacha[1], Anon Chotirosniramit[2], Asara Thepbunchornchai[2], Sunhawit Junrungsee[2], Worakitti Lapisatepun[2], Warangkana Lapisatepun[1*]

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2. Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery, Faculty of Medicine, Chiang Mai University, Thailand

AP-22-6
2026-0591

Association between Inferior Vena Cava Collapsibility Index And Preoperative Fasting Status

Soyombo Orsoo[1], Ulziibuyan Jugdergarav[2], Oyuntugs Byambasukh[3], Ganbold Lundeg[1*]

1. Department of Critical Care and Anesthesia, School of Medicine of Mongolian National University of Medical Sciences, Mongolia
2. Department of Cardiology, School of Medicine of Mongolian National University of Medical Sciences, Mongolia
3. Department of Endocrinology, School of Medicine of Mongolian National University of Medical Sciences, Mongolia

AP-22-7
2026-0284

Perioperative Refractory Cardiac Arrest Secondary to Antiplatelet Discontinuation with an Unrecognized History of Remote Coronary Stenting

Seung Won Jeong[1], Hyun Soo Moon[1*], Soo Kyung Lee[1], Tae Wan Lim[1], Minsoo Jang[1]

1. Anesthesiology and Pain Medicine, Hallym University Sacred Heart Hospital, Republic of Korea

AP-22-8
2026-0499

An Evaluation of a Wireless Heat-Flux Cutaneous Thermometer in Cardiac Surgical Patients: A Prospective Observational Study

Jisu Kim[1], Hyeon Cheun[1], Hangil Kang[1], In Jung Kim[1], Jaeyeon Chung[1], Youn Joung Cho[1], Karam Nam[1], Yunseok Jeon[1], Jae-Woo Ju[1*]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Seoul National University College of Medicine, Republic of Korea

Presentation

Abstract Presentation 23

Date / Time	Nov 6 (Fri), 13:30-15:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Hee-Pyoung Park *(Seoul National University, Republic of Korea)* Hyongmin Oh *(Seoul National University, Republic of Korea)*

AP-23-1
2026-0563

Association of Burst Suppression with Delirium and Mortality in Surgical Patients and Mechanically Ventilated and Sedated ICU Patients: A Systematic Review with Meta-Analysis

Se Hoon Kim[1], Jisung Bae[2], Byung Gun Lim[2*]

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2. Department of Anesthesiology and Pain Medicine, Korea University Guro Hospital, Republic of Korea

AP-23-2
2026-0289

Depth of Anesthesia Alters Surgery-Induced Microglia Activity

Yulim Lee[1], Donggeun Lee[2*], Youngkwon Ko[2], Jiho Park[2], Woosuk Chung[2,1]

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AP-23-3
2026-0219

Dexmedetomidine Versus Low-Dose Desflurane for Transcranial Motor-Evoked Potential Monitoring During Adolescent Posterior Spinal Fusion: A Randomized Double-Blind Trial

Sirima Phoowanakulchai[1], Ratima Boonmuang[1*], Duangnet Kuljittichanok[1], Pawit Somnuke[1], Thanitthi Thiparporn[1], Alif Noikham[1], Natpapat Tangpraphachaikul[1], Masahiko Kawaguchi[2], Thanase Ariyawatkul[3], Manee Raksakietisak[1]

1. Anesthesiology, Siriraj Hospital, Mahidol University, Thailand
2. Anesthesiology, Nara Medical University, Japan
3. Orthopaedic, Siriraj Hospital, Mahidol University, Thailand

AP-23-4
2026-0388

Comparison Between Effects Of Inhalational Anaesthetics And Total Intravenous Anaesthesia (TIVA) During Different Stages Of Resection On Heart Rate Variability In Patients Undergoing Temporal Lobe Epilepsy Surgery: A Prospective Randomized Controlled Study

Parvathy D[1*]

1. Neuroanaesthesia and Critical Care, Sree Chitra Tirunal Institute for Medical Sciences & Technology, India

AP-23-5
2026-0363

Association Between Intraoperative Hypothermia, Hypotension, and Perioperative Neurocognitive Disorders in Elderly Patients Undergoing Elective Urological Surgery: A Prospective Observational Study

Afnan Fakhrurazi[1], Azarinah Izaham[1], Low Ren Geng[1], Farah Hanim Abdullah[1], Iskandar Khalid[1], Syarifah Noor Nazihah Sayed Masri[1*]

1. Anaesthesiology & Intensive Care, Hospital Canselor Tuanku Muhriz, Universiti Kebangsaan Malaysia, Malaysia

AP-23-6
2026-0576

Anaesthetic Management of Atrial Flutter with Slow Ventricular Response in an Elderly Patient Undergoing Cranioplasty: A Case Report

Pranita Mandal[1*], Sunaina Tejpal Karna[1], Rhea Thotungal[1], Harish Kumar[1], Mayank Pal Singh[1]

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AP-23-7
2026-0347

Management of Immunosuppression and Immunotherapy for Anti-NMDAR Encephalitis Complicated by Refractory Seizures and Thoracic Empyema: A Case Report

Faradila Ramadian Trianandа[1,2*], Dita Aditianingsih[1,2]

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2. Anesthesiology and Intensive Care, Dr. Cipto Mangunkusumo Hospital-Faculty of Medicine Universitas Indonesia, Indonesia

AP-23-8
2026-0258

Preserving Spontaneous Ventilation in Difficult Airway Surgery: Ultrasound-Guided Bilateral Superficial Cervical Plexus Block for Tracheal Surgery—A Two-Case Series from Ospital ng Maynila Medical Center

Ainna Denisse Reyes[1], Rosaldro Biasbas[1*], Numeriano Samar, Jr.[1], Peng Pei[1], Marc Olan[1]

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Presentation

Abstract Presentation 24

Date / Time	Nov 6 (Fri), 15:30-17:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Ha Yeon Kim *(Ajou University, Republic of Korea)* Hyewon Oh *(Ewha Womans University, Republic of Korea)*

AP-24-1 2026-0346

Modified Cirrhotic Cardiomyopathy and High-Probability HFpEF as Complementary Predictors of Outcomes After Liver Transplantation: A Multicenter Cohort Study

Hyeun Joon Bae[1], Jun-Gol Song[1*]

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AP-24-2 2026-0260

Preoperative Nonselective Beta-Blocker Use and Hepatocellular Carcinoma Recurrence After Living Donor Liver Transplantation

Sa-Jin Kang[1], Ji-Hye Kwon[2], Jae Hwan Kim[3], Hyeun-Joon Bae[1], Kyoung-Sun Kim[1], Hye-Mee Kwon[1], In-Gu Jun[1], Jun-Gol Song[1*], Gaab Soo Kim[2], Gyu-Sam Hwang[1]

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2. Department of Anesthesiology and Pain Medicine, Samsung Medical Center, Republic of Korea
3. Department of Anesthesiology and Pain Medicine, Inje University Haeundae Paik Hospital, Republic of Korea

AP-24-3 2026-0551

Revisiting the Diagnostic Criteria for Postreperfusion Syndrome: Incorporating Pulmonary Artery Pressure and Mixed Venous Oxygen Saturation

Suk Hyung Choe[1], Woo-Young Jo[1], Jae-Woo Ju[1], Hyun-Kyu Yoon[1], Ho-Jin Lee[1], YoungRok Choi[2], Kwang-Woong Lee[2], Won Ho Kim[1*]

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2. Surgery, Seoul National University Hospital, Republic of Korea

AP-24-4 2026-0418

Paradoxical Protective Effect of Preoperative Anaemia Versus Perioperative Haemoglobin Decline on Early Allograft Dysfunction and Long-Term Survival After Liver Transplantation: A 14-Year Cohort Study

Je Min Suh[1], Laurence Weinberg[1,2*], Dong Kyu Lee[3]

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2. Department of Critical Care, University of Melbourne, Australia
3. Anesthesiology and Pain Medicine, Dongguk University Ilsan Hospital, Republic of Korea

AP-24-5 2026-0528

Postoperative Analgesia in Kidney Transplant Recipient Laparotomy: A Comparison of Single-Shot Versus Continuous Quadratus Lumborum Block

Susasti Hasanah[1*]

1. Anesthesiology and Intensive Therapy, Cipto Mangunkusumo Hospital, Indonesia

AP-24-6 2026-0168

A Retrospective Analysis of Brain-Dead Lung Transplant Cases at Our Hospital Over the Past 5 Years

Yuki Numata[1*], Kenichi Tateda[1], Tetsuji Terashima[1], Toshifumi Takasusuki[1], Shigeki Yamaguchi[1]

1. Department of Anesthesiology, Dokkyo Medical University Hospital, Japan

AP-24-7 2026-0056

Comparison of Intrathecal Morphine Versus Transversus Abdominis Plane Block for Postoperative Pain Control in Patients Undergoing Kidney Transplantation: A Prospective Randomised Controlled Study

Saurabh Mittal[1*]

1. Anaesthesia and Critical Care, Punjab Institute of Liver and Biliary Sciences, Mohali, Punjab, India

AP-24-8 2026-0456

Factors Associated with the Use of Pre-Operative Fresh Frozen Plasma and Packed Red Cells in Elective Surgical Patients for Cost-Effectiveness and Workload Reduction

Orarat Karnjanawanichkul[1*], Natthakit Chokprakitsunthorn[1], Asamaporn Puetpaiboon[1], Sirikarn Siripruekpong[1], Supanuch Phetsong[1], Oraree Pechpisan[1], Saranya Hasaran[1]

1. Anesthesiology, Prince of Songkla University, Thailand

Presentation

Abstract Presentation 25

Date / Time	Nov 6 (Fri), 15:30-17:00
Room	Room C *(Paradise City)*
Language	English
Chair(s)	Seunguk Bang *(The Catholic University of Korea, Republic of Korea)* Hyungtae Kim *(University of Ulsan, Republic of Korea)*

AP-25-1
2026-0379

The Dual Mechanism of Dexamethasone in Preventing Rebound Pain After Peripheral Nerve Block: A Mediation and Network Meta-Analysis

Jinwoo Kim[1*], Boohwi Hong[1]

1. Department of Anesthesiology and Pain Medicine, Chungnam National University, Republic of Korea

AP-25-2
2026-0458

Scheduled Perioperative Nonsteroidal Anti-inflammatory Drugs and Postoperative Pancreatic Fistula After Pancreatoduodenectomy: A 10-Year Retrospective Interrupted Time-Series Analysis

Jung-Yeon Park[1], Soo-Hyuk Yoon[1], Ho-Jin Lee[1*]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Republic of Korea

AP-25-3
2026-0203

Residual Pain at Post-anaesthesia Care Unit Discharge and Subsequent Opioid Requirement After Gastrectomy in Older Patients: A Secondary Analysis of a Randomised Controlled Trial

Hyunkook Kim[1], Ji-Hoon Sim[1*], Byung-Moon Choi[1], Won-Jung Shin[1]

1. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

AP-25-4
2026-0236

Comparison of Postoperative Analgesia and Recovery Profiles between Sufentanil-Remimazolam and Remifentanil-Remimazolam Anesthesia for Robot-Assisted Radical Prostatectomy

Donghun Jang[1], Seungcheol Lee[1], Soron Choi[1], Mina Kim[1], Hyeongjun Lim[1], Sangyoong Park[1*]

1. Anesthesiology and Pain Medicine, Dong-A University Hospital, Republic of Korea

AP-25-5
2026-0574

Estimation of Median Effective Volume of 0.5% Levobupivacaine for Ultrasound-Guided Costoclavicular Brachial Plexus Block: A Prospective Dose-Finding Study

Pranita Mandal[1*], Pooja Singh[1], Vaishali Waindeskar[1], Ashutosh Kaushal[1], Zainab Ahmad[1], Sunaina Tejpal Karna[1]

1. Anaesthesiology, All India Institute of Medical Sciences, Bhopal, Madhya Pradesh, India

AP-25-6
2026-0306

Ultrasound-Guided Suprazygomatic Maxillary Nerve Block as an Opioid-Sparing Strategy for Maxillary Repair Surgery: A Prospective Randomized-Controlled Trial

Srujana Suryadevara[1], Devalina Goswami[1,2], Arshad Ayub[1], Babita Gupta[1], Ajoy Roy Chaudhary[2*], Ongkila Bhutia[2]

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2. Centre for Dental Education and Research, AIIMS Delhi, India

AP-25-8
2026-0430

Effect of Intraoperative Islamic Dzikr on Bispectral Index During Spinal Anaesthesia: A Randomised Controlled Trial

Intan Nor Asmarina Razali[1,2], Afifah Samsudin[1,2*], Zawiah Kassim[1,2], Siti Aznida Ab Karim[3]

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3. Anaesthesiology & Intensive Care, Faculty of Medicine, Universiti Putra Malaysia (UPM), Malaysia

Presentation

Abstract Presentation 26

Date / Time	Nov 6 (Fri), 15:30-17:00
Room	Room E *(Hyatt Regency)*
Language	English
Chair(s)	Soomin Lee *(Chungnam National University, Republic of Korea)* Yoon Ji Choi *(Korea University, Republic of Korea)*

AP-26-1 2026-0389

Effect of Positive End-Expiratory Pressure on the Gastric Volume in Patients Undergoing General Anesthesia with Supraglottic Airway Device: A Prospective Randomized Controlled Non-Inferiority Trial

Hyung-Jin Kim[1], Bon-Wook Koo[1*], Young Hyun Koo[1]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Republic of Korea

AP-26-2 2026-0544

Flexible Fiberscopy Versus Videolaryngoscopy for Tracheal Intubation Under Maximal Airway Assistance in Patients Wearing a Cervical Collar: A Randomized Controlled Non-Inferiority Trial

Seoyoung Ma[1], Donguk Kim[1], Hyongmin Oh[1*], Hee-Pyoung Park[1]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Hospital, Republic of Korea

AP-26-3 2026-0459

Safety of Deferral of Planned ICU Admission After Femoral Fracture Surgery in Older Adults: A Retrospective Cohort Study

Soo Yeon Kim[1], Jeongmin Kim[1*], Jiwoo Suh[1]

1. Department of Anesthesiology and Pain Medicine, Severance Hospital, Republic of Korea

AP-26-4 2026-0517

NIPPV Versus High-Flow Nasal Oxygen for Pre-oxygenation in Morbidly Obese Patients Undergoing Airway Management

Adisty Chandra[1], Arif Ikhwandi[1], Meta Restu Synthana[1], Djayanti Sari[1*]

1. Department of Anesthesiology and Intensive Therapy, Gadjah Mada University, Indonesia

AP-26-5 2026-0040

Morbidity and Mortality Prediction using Emergency Surgical Score (ESS) in Emergency General Surgery Patients at West Visayas State University Medical Center (WVSU-MC): A Retrospective Study

Gineleen Faigani[1*]

1. Anesthesia, West Visayas State University Medical Center, Philippines

AP-26-6 2026-0300

Development of a Novel Fluid Tolerance Index in Patients Undergoing Emergency Laparotomy: An Interim Analysis

Kritikha Rajarajan[1], Harshita Mehrotra[1], Niharika Niharika[1], Priyankar K Datta[1], Sulagna Bhattacharjee[1], Rakesh Kumar[1], Asuri Krishna[2], Virinder K Bansal[2], Vimi Rewari[1], Souvik Maitra[1*]

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2. Department of Surgical Disciplines, All India Institute of Medical Sciences, New Delhi, India

AP-26-7 2026-0320

Therapeutic Plasma Exchange in Severe Thyrotoxicosis and Thyroid Storm: A Single-Centre Case Series Illustrating Four Distinct Clinical Phenotypes

Jamie Wen Yen Tan[1,2*], Hamsathvani Chandrakanthan[2], Audrey Yeo[1,2], Siti Nuramiera Binti Mustapha[1], Lin Ying Tey[1,3]

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3. School of Medicine, University of Liverpool, United Kingdom

AP-26-8 2026-0599

Awake Videolaryngoscopy as Salvage After Failed Fibreoptic Intubation in Rapidly Progressive Malignant Tracheal Compression

Afifah Samsudin[1,2*], Mohd Syazwan Shahdan[2], Adlin Dasima Abdul Kadir[1,2], Fauziah Ahmad[1,2]

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Presentation

Abstract Presentation 27

Date / Time	Nov 6 (Fri), 15:30-17:00
Room	Room F *(Hyatt Regency)*
Language	English
Chair(s)	Woojin Kwon *(Konyang University, Republic of Korea)* Kibeom Park *(Keimyung University, Republic of Korea)*

AP-27-1
2026-0233

Influence of Opiranserin on Quality of Recovery in Patients Undergoing Thyroid Surgery: A Double-Blind Randomized Controlled Trial

Hyunjik Song[1], Jaehyun Kwon[1], Seok-Mo Kim[2], Young Song[1*]

1. Department of Anesthesiology and Pain Medicine, Anesthesia and Pain Research Institute, Yonsei University College of Medicine, Republic of Korea
2. Department of Surgery, Thyroid Cancer Center, Yonsei University College of Medicine, Republic of Korea

AP-27-2
2026-0354

Local Anesthetic-Induced Methemoglobinemia: A Systematic Review and Analysis of Published Case Reports

Mi Roung Jun[1], Ju-Tae Sohn[1*]

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AP-27-3
2026-0575

Erector Spinae Plane Block for Postoperative Dorsal Pain after First Rib Resection in Patients with Thoracic Outlet Syndrome: A Retrospective Cohort Study

Yeojin Lee[1], Ji Seon Chae[1*], Hyun Jung Lee[1], Sang-Mee An[1], Hye-Won Oh[1], Jae Hee Woo[1], Youn Jin Kim[1]

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AP-27-4
2026-0446

Preemptive Dexmedetomidine for Postoperative Pain in Robot-Assisted Urological Surgery: A Retrospective Propensity Score-Matched Study

Hyung-Jin Kim[1], Chang-Hoon Koo[1*], Soowon Lee[1], Jay Kim[1]

1. Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Republic of Korea

AP-27-5
2026-0583

Erector Spinae Plane Block Versus Intravenous Lidocaine for Postoperative Analgesia: A Systematic Review of Randomized Controlled Trials

Danielle Mae Mendiola[1*], Pauline Magsaysay[1]

1. Department of Anesthesiology, De Los Santos Medical Center, Philippines

AP-27-6
2026-0302

Comparing Inferior Vena Cava Collapsibility Index (IVC-CI) Guided Fluid Management with Carotid Artery Corrected Flow Time (FTc) Guided Fluid Management in Preventing Spinal Anesthesia Induced Hypotension in Elderly Trauma Patients

Sravani Vishnubhotla[1*]

1. Department of Anaesthesiology, Pain Medicine and Critical Care, All India Institute of Medical Sciences, New Delhi, India

AP-27-7
2026-0590

Multimodal General Anesthesia Versus Opioid-Based General Anesthesia in Adult Noncardiac Surgery: A Systematic Review

Izac Franz Madrilejo[1*], Lucille Lim[1]

1. Anesthesiology and Perioperative Medicine, University of Santo Tomas Hospital, Philippines

AP-27-8
2026-0137

Comparison of Analgesic Efficacy of Modified Thoracoabdominal Nerve Block (MTAPA) and External Oblique Block (EOI) in Patients Undergoing Laparoscopic Cholecystectomy: A Randomized Controlled Trial

Dr. Nidhi Swaroop[1*], Dr. Ridhima Sharma[1]

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Presentation

Abstract Presentation 28

Date / Time	Nov 7 (Sat), 09:00-10:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Sun Young Park *(Soonchunhyang University, Republic of Korea)* Hyung Gon Lee *(Chonnam National University, Republic of Korea)*

AP-28-1
2026-0288

Association Between Vitamin D and Postoperative Hemoglobin Recovery After Off-Pump Coronary Artery Bypass Surgery: A Prospective Observational Cohort Study

Hee Won Choi[1], Seo Hee Ko[1,2], Jae-Kwang Shim[1,2], Jong-Wook Song[1,2], Yun Ho Roh[3], Young-Lan Kwak[1,2*]

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3. Department of Biomedical Systems Informatics, Severance Hospital, Republic of Korea

AP-28-2
2026-0560

A Retrospective Observational Cohort Study Suggesting That Mildly Prolonged EXTEM Clotting Time Frequently Corrects and Effective Haemostasis Is More Common After ROTEM-Guided Fibrinogen Replacement Without Coagulation Factors

Tony Zhang[1*], Anthony Yap[1], Kanika Chaudhri[2,3], David Chan[4], Luke Levison[1], Oscar Boag-Taylor[1,2], Hawn Trinh[1,2], Keith Kelly[2], Catherine Downs[1,2]

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2. Prince of Wales Department of Anaesthesia, South Eastern Sydney Local Health District, Australia
3. The George Institute for Global Health, The University of New South Wales, Australia
4. Stats Central, Mark Wainwright Analytical Centre, The University of New South Wales, Australia

AP-28-3
2026-0485

Development and External Validation of a Model for Predicting Postoperative Hemoglobin Reduction in Untransfused Patients Undergoing Total Hip Arthroplasty

Sang Gyu Kwak[1], Boohwi Hong[2], Eunjin Ahn[3], Jonghae Kim[4*]

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AP-28-4
2026-0226

Predicting the Need for Blood Transfusion in Orthognathic Surgery Using Artificial Intelligence: A Retrospective Study

Kyumin Lee[1], Hyun Jeong Kim[1], Seung-Hwa Ryoo[1], Myong-Hwan Karm[1], Kwang-Suk Seo[1*]

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AP-28-5
2026-0440

Hypophosphatemia After Ferric Carboxymaltose Administration in Patients Who Underwent Total Knee Arthroplasty-A Retrospective Analysis

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AP-28-6
2026-0343

Therapeutic Plasma Exchange (TPE) as an Adjunct to Standard Medical Therapy in Acute-on-Chronic Liver Failure: A Prospective Cohort Study from India

Saurabh Mittal[1], Apalak Garg[2*], Virendra Singh[3], Bisman Khurana[1], Shweta Aghi[1], Nitesh Bassi[3], Tanvi Sood[2], Amandeep Singh[3], Narayana Yaddanapudi[1], Jahnvi Dhar[3], Sayan Malakar[3], Swapnil[3], Kandagaddala Raja Sekhar[4]

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AP-28-7
2026-0534

The Impact of Preoperative Anemia on Postoperative Outcomes after Elective Liver Resection: A Propensity-Score Weighted Analysis

Nattapatra Manakitsirisuthi[1], Warangkana Lapisatepun[1*], Worakitti Lapisatepun[2], Anon Chotirosniramit[2], Sunhawit Junrungsee[2], Asara Thepbunchornchai[2], Kanyarat Chanachai[2]

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AP-28-8
2026-0489

Goal-Directed, Gold Standard? 5% Albumin vs. Ringer's Lactate in Major Abdomino-Pelvic Onco-Surgeries for Fluid Therapy

Vasudha Ahuja[1*], Anuja Pandit[2], Saurabh Vig[2], Nishkarsh Gupta[3], Rakesh Garg[3], Prashant Sirohiya[2], Shweta Bhopale[2], Raghav Gupta[2], Brajesh Ratre[3], Sachidanand Jee Bharati[3], Sushma Bhatnagar[1], Seema Mishra[3]

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Presentation

Abstract Presentation 29

Date / Time	Nov 7 (Sat), 09:00-10:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Jong Wook Song *(Yonsei University, Republic of Korea)* Woojin Kwon *(Konyang University, Republic of Korea)*

AP-29-1
2026-0504

Timing of Intraoperative Hypotension and Postoperative Acute Kidney Injury: A Retrospective Cohort Study with External Validation

Seungheon Oh[1], Chahyun Oh[1*], Sun Yeul Lee[1], Boohwi Hong[1]

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AP-29-2
2026-0421

Early Leukocytosis After Cardiopulmonary Bypass in the Oldest Old: A Binational Multicentre Retrospective Cohort Study

Je Min Suh[1], Laurence Weinberg[1,2*], Dong Kyu Lee[3]

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AP-29-3
2026-0393

Remimazolam Versus Dexmedetomidine-Based Sedation for Transcatheter Aortic Valve Implantation: Hemodynamic Stability and Early Clinical Outcomes

Joon-Suk Bom[1], Ji-Won Yang[1], Ah Ran Oh[1,2], Jong-Hwan Lee[1,2], Jeong-Jin Min[1,2*]

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AP-29-4
2026-0298

Correlation Between Inter-Device Variability in Activated Clotting Time Measurements and Preoperative Factors in Cardiac Surgery

Kenichi Tateda[1*], Yuki Numata[1], Tetsuji Terashima[1], Toshifumi Takasusuki[1], Shigeki Yamaguchi[1], Shinsuke Hamaguchi[1]

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AP-29-5
2026-0516

Who Gets Cold, and How Cold? A Risk Score and Time-Weighted Thermal Burden Analysis for Endovascular Aortic Repair in the Hybrid Room

Chutida Sungworawongpana[1*], Akarawit Danpoonkij[1], Mantana Saetang[1], Wilasinee Jitpakdee[1]

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AP-29-6
2026-0413

Patient-Device Anatomical Mismatch During Intra-Aortic Balloon Pump Support in a Short-Statured Asian Patient

Xin Lee[1*], Andrew Roscoe[1]

1. Division of Anaesthesiology, Singapore General Hospital, Singapore

AP-29-7
2026-0543

Effects of Abdominal Sagging on Hemodynamics After Supine-to-Prone Positioning on a Jackson Table for Spine Surgery: A Prospective Observational Study

Seoyoung Ma[1], Hyongmin Oh[1*], Hee-Pyoung Park[1]

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AP-29-8
2026-0069

A Challenge of the Anesthetic Management Using Remimazolam in a Patient with Severely Depressed Left Ventricular Function Caused by Triglyceride Deposit Cardiomyovasculopathy

Mitsumasa Miyagi[1*], Yasuhiro Watanabe[2], Hirofumi Okabe[2], Toshiya Koitabashi[3]

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Presentation

Abstract Presentation 30

Date / Time	Nov 7 (Sat), 11:00-12:30
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Kyu Nam Kim *(Hanyang University, Republic of Korea)* Ha Yeon Kim *(Ajou University, Republic of Korea)*

AP-30-2
2026-0577

Predictive Factors for Apnoeic Oxygenation Failure During High-Flow Nasal Oxygen-Assisted Anaesthesia Induction: A Retrospective Observational Study

Myungjong Shin[1], Chahyun Oh[1], Woolim Min[2], Juyeon Kim[1], Chan Noh[1], Boohwi Hong[1*]

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AP-30-3
2026-0564

Modified Versus Conventional Stylet Removal Technique during Videolaryngoscope-Guided Tracheal Intubation: A Randomized Controlled Trial

Keum O Lee[1], Jiyoun Lee[1], Jin-Woo Park[1*], Jin-Hee Kim[1], Sunghee Han[1], Ji-Hyeon Lee[1], Ji-Yun Han[1]

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AP-30-5
2026-0605

Unplanned Reintubation at a Taiwanese Tertiary Medical Center

Emily Tzu-Jung Kuo[1*], Wei-Hsuan Wu[1]

1. Department of Anesthesiology, Taichung Veterans General Hospital, Taiwan

AP-30-7
2026-0351

Unexpected Resistance During Endotracheal Tube Removal: A Structured Approach to Safe Extubation

Sai Dharani Turaka[1], Rajeeb Kumar Mishra[1*], Ramesh J Venkatapura[1]

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AP-30-8
2026-0506

Grading the Level of Extracorporeal Standby in Critical Central Airway Obstruction: A Proposed Framework Illustrated by Three Cases

Ahmad Fariz Elias[1], Mohd Fitry Zainal Abidin[1*], Sarah Aliah Mohd Azman[2]

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Presentation

Abstract Presentation 31

Date / Time	Nov 7 (Sat), 11:00-12:30
Room	Room D *(Paradise City)*
Language	English
Chair(s)	Woosuk Chung *(Chungnam National University, Republic of Korea)* Heeseung Lee *(Ewha Womans University, Republic of Korea)*

AP-31-1
2026-0546

Peripheral Immune Profiling in Patients with and without Postoperative Delirium Using Abseq Single-Cell Multi-Omics

Jeongmin Kim[1], Ho-Keun Kwon[2], Min-Yu Kim[1], Bon-Nyeo Koo[1*], Min-Yu Kim[1]

1. Anesthesiology and Pain Medicine, Yonsei University, Republic of Korea
2. Microbiology and Immunology, Yonsei University, Republic of Korea

AP-31-2
2026-0187

Association Between Preoperative Prognostic Nutritional Index and Postoperative Outcomes After Surgery for Spinal Metastasis: A Propensity Score-Matched Study

Donghee Lee[1], Ji-Hoon Sim[1*]

1. Department of Anesthesiology and Pain Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

AP-31-3
2026-0034

Total Intravenous Anesthesia Versus Inhalational Anesthesia: Impact on Neuronal and Systemic Inflammatory Markers in Supratentorial Glioma Resection and Postoperative Cognition- A Randomized Controlled Trial: TINSI Trial

Sreeja R[1*], Ajay Hrishi[1], Manikandan S[1], Krishnakumar K[2], Madhusoodanan U.K[3]

1. Department of Neuroanaesthesia and Critical Care, Sree Chitra Thirunal Institute of Science and Technology, India
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3. Department of Biochemistry, Sree Chitra Thirunal Institute of Science and Technology, India

AP-31-4
2026-0559

Intranasal Atomised Ketodex vs Midazolam as Premedication: A Randomized, Double-Blind Trial in Children Undergoing Spinal Dysraphism Surgery

Shruti Bhatt[1*]

1. Department of Anesthesia and Intensive Care, PGIMER, Chandigarh, India

AP-31-6
2026-0342

Awake Spine Surgery Without Regional Blockade: Preserving Real-Time Intra-operative Neurological Monitoring with Sedation and Local Infiltration Analgesia

Ashley Ai Si Lee[1*], Emma Du[1], Christopher Mathew[1]

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AP-31-7
2026-0494

Physiology-Guided Staged Cesarean Delivery and Postpartum Craniotomy for Giant Sphenoid Wing Meningioma in Late Pregnancy: A Neuro-Obstetric Framework

Patrick Calaunan, MD[1], Katrina Xenia Figueroa-Piscawen, MD, DPBA[1*]

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AP-31-8
2026-0301

When Awake Fibreoptic Intubation Fails: Supraglottic Airway as a Rescue Conduit in a Severely Distorted Difficult Airway

Shi Jie How[1], Zhi Shan Lee[1], Jeyanthi Rachael S.Ragavan[1*]

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Presentation

Abstract Presentation 32

Date / Time	Nov 7 (Sat), 13:30-15:00
Room	Room B *(Paradise City)*
Language	English
Chair(s)	Seounghun Lee *(Chungnam National University, Republic of Korea)* Jae Hun Kim *(Konkuk University, Republic of Korea)*

AP-32-1
2026-0483

Effect Of Manual Skin Traction On Local Anesthetic Injection Pain Before Lumbar Transforaminal Epidural Injection: A Randomized Within-Patient Study

Ji Young Kim[1], Shin Hyung Kim[1], Kyung Bong Yoon[1], Dong Hu Kim[1], Hee Jung Kim[1*]

1. Department of Anesthesiology and Pain Medicine, Anesthesia and Pain Research Institute, Severance Hospital, Republic of Korea

AP-32-2
2026-0344

Effect of Intraoperative Lidocaine Infusion on Postoperative Pain in Patients Undergoing Robotic-Assisted Radical Prostatectomy: A Randomised Controlled Trial

Winitha Nilwong[1], Ratikorn Boonchai[1*], Sarayuth Boonchai[2], Worapat Attawettayanon[2], Tanan Bejrananda[2], Virote Chalieopanyarwong[2], Sirikarn Siripruekpong[1], Sasikaan Nimmaanrat[1]

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2. Urology, Songklanagarind Hospital, Thailand

AP-32-5
2026-0283

Preoperative Oral Carbohydrate Loading in Patients with Diabetes: Systematic Review and Meta-Analysis with Trial Sequential Analysis

Ha Young Kim[1], Jihye Park[1], Geun Joo Choi[1], Hwa Yong Shin[1], Hyun Kang[1*]

1. Anesthesiology and Pain Medicine, Chung-Ang University, Republic of Korea

AP-32-6
2026-0319

Intravenous Maxigesic Versus Acetaminophen for Postoperative Pain After Ambulatory Gynecologic Surgery: A Randomized Controlled Trial

Gyuho Nahm[1], In-Jeong Jeon[1], Byung-Hoon Yoo[1], Sangseok Lee[1*]

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AP-32-7
2026-0600

Is Fasting Gastric Volume Increased in Women Undergoing Oocyte Retrieval: Results from Interim analysis of a Prospective Observational Study using Gastric Ultrasound

Dr. Tejaswi Chennubhotla[1], Dr. Heena Garg[1*], Prof. Vimi Rewari[1], Dr. Shailendra Kumar[1], Dr. Mritunjay Kumar[1], Dr. Amit Kumar[1], Dr. Dhruv Jain[1], Prof. Neena Malhotra[2], Prof. Reeta Mahey[2]

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AP-32-8
2026-0445

Anesthetic Management for Repeated Oocyte Retrieval in a Patient With Hereditary Spastic Paraplegia: A Case Report

Jihyeok Kim[1*]

1. Department of Anesthesiology, Seoul Medical Center, Republic of Korea

E-poster

2026-0004	A Questionnaire Survey of Patients' Concerns and Knowledge Towards Anaesthesia and Anaesthetists in Hospital Selayang, Malaysia Sue Theng Chan[1*] 1. Anaesthesiology and Critical Care, Hospital Selayang, Malaysia
2026-0007	Fighting Nemo: A Case of a Penetrating Neck Injury by a Needlefish Maria Raisa Carla Opulencia[1*], Marcel Young IIII[1] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0008	Difficult Airway Management in a 1-Month-Old Infant with Multiple Congenital Anomalies: A Case Report Maria Raisa Carla Opulencia[1*], Al Joseph Sayas[1] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0010	Delivering through Disease: Anesthetic Management of Cesarean Section in the Setting of Cervical Cancer Maria Raisa Carla Opulencia[1*], Marife Paragas-Herbolario[1] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0016	Veno-Arterial ECMO as a Bridge in Pulmonary Hypertension Crisis Presenting as Intraoperative Maternal Collapse Leung Yoke Theng[1*], Kauthar Md Rashid[2], Ng Yew Ewe[2] 1. Anaesthesiology and Critical Care, Selayang Hospital, Malaysia 2. Cardiothoracic Anaesthesia and Perfusion, Cardiothoracic and Cardiology Centre, Sultan Idris Shah Hospital, Serdang, Malaysia
2026-0017	Sleep Health Among Anaesthesia Personnel: Insights from a Pittsburgh Sleep Quality Index-Based Survey Leung Yoke Theng[1*], Lim Pei Fern[1], Norliza Mohd Nor[1] 1. Anaesthesiology and Critical Care, Selayang Hospital, Malaysia
2026-0022	Takedown of Arteriovenous Fistula in a Patient with Chronic Kidney Disease under Supraclavicular Brachial Plexus Block and Intercostobrachial Nerve Block: A Case Report Norjana Lao Pimping[1], Potre Tomanina Ronsing[1*], Sodairey Asum[1] 1. Department of Anesthesiology, Amai Pakpak Medical Center, Philippines
2026-0029	Preserved Oxygenation Does Not Equate to Airway Stability: Near-Catastrophic Airway Loss in Adult Supraglottitis Lee Wern Ching[1*], Leung Yoke Theng[2] 1. Anaesthesiology and Intensive Care, Lahad Datu Hospital, Malaysia 2. Anaesthesiology and Intensive Care, Selayang Hospital, Malaysia
2026-0031	Bilateral Vocal Cord Neuropraxia Post Total Thyroidectomy: A Case Report Mary Antonette Dalawampu[1], Jonart Villanueva[1*] 1. Anesthesiology, Las Piñas General Hospital Satellite and Trauma Center, Philippines
2026-0032	Anesthetic Management for Cesarean Delivery in a Parturient with Rhizomelia: A Case Report Denielle Cruz[1], Carlo Paulo De Guzman[1*] 1. Anesthesiology, Las Piñas General Hospital Satellite and Trauma Center, Philippines
2026-0035	Work Practices of Anaesthesiology Doctors in Hospital Kuala Lumpur (HKL) Siah Lee Wee[1*] 1. Anaesthesia & Critical Care, Hospital Kuala Lumpur, Malaysia
2026-0036	Case Report: Intracardiac Thrombus during VA ECMO Support Following Elective Double Valve Surgery Siah Lee Wee[1], Yew Ewe Ng[2*] 1. Anaesthesia & Critical Care, Hospital Kuala Lumpur, Malaysia 2. Cardiothoracic Anaesthesiology & Perfusion, Hospital Sultan Idris Shah, Selangor, Malaysia
2026-0037	Case Report on Massive Pulmonary Embolism with ECMO Support Siah Lee Wee[1*] 1. Anaesthesia & Critical Care, Hospital Kuala Lumpur, Malaysia
2026-0042	Suspected Neuroleptic Malignant Syndrome Following Haloperidol Administration in a Postoperative Neurosurgical Patient Initially Misdiagnosed as Delirium Tremens and Pneumonia Son BooKeun[1], Yang Hong Seuk[1], Kim Jong Ho[1], Hwang Sung Mi[1], Lee Jae Jun[1], Kwon Young Suk[1*] 1. Department of Anesthesiology and Pain Medicine, Hallym University Chuncheon Sacred Heart Hospital, Republic of Korea
2026-0047	Playing Heart-to-Get: A Near Miss Case of a Penetrating Thoracic Injury Maria Raisa Carla Opulencia[1*], Emmanuel Chavez[1] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0057	Anesthesia Residuals or Stroke: A Case Report Hiroki Ogawa[1*], Noel Beley[1] 1. Department of Anesthesia, St. Luke's Medical Center, Philippines
2026-0058	Awake Fibreoptic Intubation Following Incidental Recognition of Cervical Fusion Anomalies Suggestive of Klippel-Feil Syndrome Hazel Ho[1*], Felicia Tan[1] 1. Anaesthesia, Khoo Teck Puat Hospital (Singapore), Singapore

E-poster

2026-0062	**Transient Bilateral Lower Limb Paralysis Following Short Gynecological Surgery Under General Anaesthesia: A Diagnostic Challenge** Valerie Lam[1*] 1. Department of Women's Anesthesiology, KK Hospital, Singapore
2026-0063	**Sphenopalatine Ganglion Neuromodulation and Ablation for Refractory Post-Radiotherapy Facial Neuropathic Pain: A Case Report** Kwong-ming Leong[1*] 1. Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore
2026-0065	**The Development of a Novel Oximetry: A Correlation Study of an Extracranially Placed Oximetry to Standard Frontal Cerebral Oximetry During Surgery** Sarah Aliah Mohd Azman[1], Sook Hui Chaw[1*] 1. Department of Anaesthesiology, Universiti Malaya Medical Centre (UMMC), Malaysia
2026-0070	**Anaesthesia Management for a Patient with Moderate-Severe Mitral Regurgitation Undergoing Non-Cardiac Surgery** Frederick Lee[1*] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0072	**Complex Airway Management: 'Tubeless' Ventilation Techniques in a Patient with a Tracheostome Undergoing Airway Surgery.** Sarah Hui Kar Chua[1,2*], Jonathan Ricky Li Qi Leow[2] 1. Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore 2. Anaesthesiology, Intensive Care and Pain Medicine, NHG Health, Singapore
2026-0076	**Inadvertent Cannulation of Central Venous Catheter to Left Lumbar Vein via Left Femoral Route** Chieh Yin Ooi[1], Kwong Ming Leong[2*] 1. Department of Anaesthesiology, Intensive Care and Pain Medicine, National Healthcare Group, Singapore 2. Department of Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore
2026-0077	**Rethinking the Default — Continuous Spinal Anaesthesia Enabling Opioid-Free ERAS in Major Abdominal Oncosurgery** Mallika Ganesh[1*] 1. Department of Anesthesiology, Sri Shankara Cancer Hospital and Research Centre, India
2026-0079	**The EXIT Strategy: Anesthesia Making the Great Escape a Smooth Ride in Emergency EXIT for Large Fetal Cervical Cystic Hygroma** Keren Calya-En[1], Serna Rosalyn Cuyao[1*] 1. Anesthesiology, Ilocos Training and Regional Medical Center (ITRMC), Philippines
2026-0080	**Multimodal Ultrasound-Guided Regional Anesthesia for Opioid-Sparing Recovery After Forequarter Amputation in a Patient with Proximal Humeral Osteosarcoma** John Mark Villena[1*], Jade Duhaylongsod[1] 1. Department of Anesthesiology, Quirino Memorial Medical Center, Philippines
2026-0081	**Peripartum Anaesthetic Management of Parturient with Tuberous Sclerosis Complex and Stage 5 Chronic Kidney Disease** Yen Ni Toh[1*], Walter Huang[1] 1. Anaesthesiology and Perioperative Medicine, Singapore General Hospital, Singapore
2026-0082	**From the First LVAD Implantation in Indonesia: Challenges and What We Can Do Better?** Kadek Yogi Mahendra[1,2*], Aries Perdana[1], Ardiyan Ardiyan[2] 1. Anesthesiology and Intensive Care Therapy, Cipto Mangunkusumo Hospital, Indonesia 2. Intensive Care Post Cardiac Surgery, Harapan Kita Heart and Vascular Hospital, Indonesia
2026-0088	**Dynamic Anaesthetic Management of Near-Complete Right Main Bronchus Obstruction Due to Metastatic Lung Adenocarcinoma Requiring Rigid Bronchoscopy and Stenting** Vivian Ang[1*] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0089	**A Case Report of Anaphylaxis Associated with Tisseel Fibrin Sealant in Laparoscopic Subtotal Gastrectomy in Singapore** Jacqueline Jie Lin Chua[1*], Faith Ai Ping Zeng[2], Cheryl Jiayu Saw[1], Venkatesan Kumaresh[1], Xin Yi Choo[2], Nor Alia Binti Mohd Noor[2] 1. Anaesthesiology, Khoo Teck Puat Hospital, Singapore 2. General Surgery, Khoo Teck Puat Hospital, Singapore
2026-0096	**Determining the Factors That Influence the Dose of Propofol During Gastroscopy** Udval Mashbat[1*], Buyantogthokh Purevdorj[1] 1. Family Medical Hospital, Mongolian Anesthesia Community, Mongolia
2026-0103	**Bleeding Coagulopathy in Aneurysm Repair with Post-Stent Coronary Artery Disease** Indra Chuandy[1*], Aldy Heriwardito[2] 1. Anesthesiology and Intensive Therapy, University of Indonesia, Indonesia 2. Anesthesiology and Intensive Therapy, National General Hospital of Dr. Cipto Mangunkusumo Hospital, Indonesia
2026-0104	**Anaesthesia Management of a Parturient with Cardiac Sarcoidosis Going for Caesarean Section: A Rare Case Report** Intan Syafiqah Binti Ikram Shah[1], Nur Azreen Hussain[1], Nabilah Abdul Ghani[2*] 1. Anaesthesiology, Universiti Malaya Medical Centre, Malaysia 2. Anaesthesiology, University Malaya, Malaysia

E-poster

2026-0105	Sex Difference in Pain Assessment and Analgesic Consumption of Patients Undergoing Laparoscopic Donor Nephrectomy at National Kidney and Transplant Institute in Quezon City, Metro Manila: An Observational Study Macy Rose De Vera[1], Maria Imelda Gloria[1*] 1. Anesthesia, National Kidney and Transplant Institute, Philippines
2026-0106	Assessing What We Assess: A Quality Review of an Internal OSCE Preparation Process in Anaesthesiology Residency Julia Ng Yu Xin[4*], Sui An Lie[1], Angela Yun June Tan[2], Jia Yin Lim[3], Jacqueline Hui Fen Goh[1], Zhongxi Zheng[5] 1. Department of Anaesthesia, Singapore General Hospital, Singapore 2. Department of Paediatric Anaesthesia, KK Women's and Children's Hospital, Singapore 3. Department of Anaesthesia, Sengkang General Hospital, Singapore 4. Department of Anaesthesia, Ministry of Health Holdings, Singapore 5. Department of Anaesthesia, Changi General Hospital, Singapore
2026-0109	Anesthetic Considerations and Management in Peripartum Cardiomyopathy With Seizure Onset Post-Induction Under Epidural Anesthesia: A Case Report Ferdinand Ramirez[1*] 1. Anesthesiology, Las Piñas General Hospital and Satellite Trauma Center, Philippines
2026-0110	Repeated Internal Kinking of Epidural Catheter Shanice Ker[1*] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0111	Schmorl's Node Related Thoracolumbar Pain Improved by Paravertebral Block: A Case Report Jeongsoo Choi[1*], Junyong Jeong[1] 1. Department of Anesthesiology and Pain Medicine, Soonchunhyang University Cheonan Hospital, Republic of Korea
2026-0119	Intraoperative Hypertensive Crisis During Resection of an Undiagnosed Aortocaval Paraganglioma Darren Tan[1], Clarabella Liew[1*] 1. Department of Anaesthesiology, Intensive Care, and Pain Medicine, Tan Tock Seng Hospital, Singapore
2026-0120	Effect of Intraoperative Low Dose Ketamine Bolus Versus Infusion on Postoperative Pain in Patients Undergoing Laparoscopic Cholecystectomy: A Randomised Controlled Study Pei Hwa Cheng[1], Shamsul Kamalrujan Hassan[1*], Kamaruddin Ibrahim[1] 1. Anaesthesiology and Intensive Care Unit, Department of Anaesthesiology and Intensive Care, School of Medical Sciences, Hospital Pakar Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia
2026-0125	The Unexpected Knot: Cherry Knot Formation in Indwelling Medical Equipment Yong Hong Tan[1*] 1. Anaesthesia, Singapore General Hospital, Singapore
2026-0128	STRIVE Hi-Assisted Airway Management in an Infant with a Large Vallecular Cyst Low Joe An[1*], Joseph Lau Kah Fu[2] 1. Anaesthesiology and Critical Care, Hospital Tunku Azizah, Malaysia 2. Anaesthesiology and Critical Care, Hospital Universiti Sains Malaysia, Malaysia
2026-0133	Compressed from Within: A Case Report on the Anesthetic Management of Anterior Mediastinal Mass Resection in a Pediatric Patient Marybeth Joy Poquiz[1*], Ma. Stephanie Balaoing[1] 1. Department of Anesthesiology, St. Luke's Medical Center, Philippines
2026-0134	Anaesthetic Considerations for Bleomycin Electrosclerotherapy (BEST) of a Facial Veno-Lymphatic Malformation: Airway Management for a Novel Procedure in a Remote Location Renci Zeng[1*], Rachel Leong[1] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0136	Ultrasound Guided Peripheral Nerve Blocks for Surgical Anaesthesia in a High-Risk Patient Undergoing Hip Surgery Tze Siang Adrian Foo[1], Simon Yong Sheng Tan[1*] 1. Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore
2026-0139	Utility of Point-of-Care-Ultrasound (POCUS) in Differentiating Neurogenic Pulmonary Edema from Cardiogenic Pulmonary Edema Secondary to Neurogenic Myocardial Stunning, in a Patient with Intracranial Hemorrhage in the Intensive Care Unit (ICU) Yin Wen Chong[1], Sheila Wee[1*] 1. Anesthesiology, Khoo Teck Puat Hospital, Singapore
2026-0144	Spontaneous Respiration Using Intravenous Anesthesia and High-Flow Nasal Oxygen (STRIVE Hi) for Microlaryngeal Surgery: A Case Report Beatrice Yip[1], Emma Du[1*], Christopher Mathew[1], Walter Huang[1] 1. Division of Anesthesiology and Perioperative Medicine, Singapore General Hospital, Singapore
2026-0145	When Postpartum Headache Is Not Post-Dural Puncture Headache: Acute Bilateral Intracranial Subdural Haematoma After Labour Epidural Analgesia Kit Mun Mak[1,2], Yew Ching Lee[1*] 1. Anaesthesiology and Critical Care Unit, Hospital Kuala Lumpur, Malaysia 2. Anaesthesiology and Critical Care Unit, Hospital Shah Alam, Malaysia

E-poster

2026-0147	Challenging the Boundaries of Cardiac ERAS: Ultra-Fast-Track Recovery in Off-Pump MICS Facilitated by Serratus Anterior Plane and Deep Parasternal Blocks Mukhaiar Anas[1*] 1. Anesthesiology and Intensive Care, Universitas Indonesia / Cipto Mangunkusumo Hospital, Indonesia
2026-0149	Beyond a Rare Diagnosis: Anesthetic Considerations for Dural Puncture Epidural Labor Analgesia in Mirror Syndrome with Cardiopulmonary Compromise Doddy Setiawan[1*], Ratih Kumala Fajar Apsari[1] 1. Anesthesiology and Intensive Therapy, Gadjah Mada University, Indonesia
2026-0150	Postpartum Intracerebral Hemorrhage in Severe Preeclampsia and Chronic Kidney Disease: Neurocritical and Dialysis Challenges in a Non-Ideal Setting Lila Tri Harjana[1*], Arif Ikhwandi[1], Ratih Kumala Fajar Apsari[1], Pinter Hartono[1] 1. Anesthesiology and Intensive Therapy, Faculty of Medicine, Public Health, and Nursing(FK-KMK) Universitas Gadjah Mada Yogyakarta Indonesia, Indonesia
2026-0160	Association of Intraoperative Oxygen Concentration with Longitudinal Cognitive Outcomes and Exploratory Circulating microRNA Expression in Older Adults Undergoing Non-Cardiac Surgery Puneet Khanna[1*], Ankita Maheshwari[1], Ishita Dhyani[1] 1. Anesthesiology, Pain Medicine and Critical Care, Aiims, New Delhi, India
2026-0161	Effects of Opioid-Free and Opioid-Based Anaesthesia on Neurocognition and Cerebral Oxygenation Puneet Khanna[1*], Dipayan Mistry[1] 1. Anesthesiology, Pain Medicine and Critical Care, AIIMS, New Delhi, India
2026-0165	No Breath Shall Be Wasted: Femoro-Femoral Bypass-Assisted Awake Tracheostomy for Advanced Thyroid Carcinoma Vjanka Janela Ompoy Amador[1], Philip Valencia[1*], Lady Jean Cantero[1], Althaea Marie Benignos[1] 1. Anesthesiology, Southern Philippines Medical Center, Philippines
2026-0169	Effect of Ultrasound-Guided Regional Anesthesia on Postoperative Analgesia After Orbitotomy: A Pilot Prospective Randomized Controlled Trial Vinay Kain[1], Arshad Ayub[1*], Anagha Suresh[1] 1. Anaesthesia, Pain Medicine and Critical Care, All India Institute of Medical Sciences, New Delhi, India
2026-0170	Efficacy of Clonidine as an Adjuvant to 0.5% Ropivacaine in Erector Spinae Plane Block for Postoperative Analgesia in Breast Surgeries : A Randomized Controlled Trial Shreya Neogy[1*] 1. Anaesthesiology and Critical Care, Aiims Jodhpur, India
2026-0180	Severe Hypophosphatemia Presenting as Isolated Depressed Consciousness During Treatment of Diabetic Ketoacidosis Xin Yee Chin[1*] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0183	Successful Videolaryngoscopic Intubation Following Failed Awake Fibreoptic Intubation in an Acromegalic Patient with Predicted Difficult Airway Nurhidayatul Husna Shamsul Azmi[1], Siti Nasuha Hamzah[1*], Nabilah Athirah Mohd Sazali[1], Nur Qamilah Mohamad[1], Zirwatul Alia Abdul Rahman[2], Naeema S.Masohood[3] 1. Department of Anaesthesiology and Critical Care, Sultan Ahmad Shah Medical Centre @IIUM (SASMEC @IIUM), Kuantan, Pahang, Malaysia 2. Department of Anaesthesiology and Critical Care, Hospital Sungai Buloh, Sungai Buloh, Selangor, Malaysia 3. Department of Anaesthesiology and Critical Care, Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
2026-0189	Management of an Obstetric Patient with Osteogenesis Imperfecta Undergoing Cesarean Delivery Siti Nurul Ain Ibrahim[1*], Benny Lim Yen Huei[1], Thohiroh Abdul Razak[1], Nora Azura Dintan[1], Rahimah Abdul Rahim[1] 1. Anesthesiology, Hospital Tunku Azizah, Kuala Lumpur, Malaysia
2026-0192	The Effect of Intraoperative Intravenous (IV)Magnesium Sulphate (MgSO4) on Postoperative Pain in Adult Patients Undergoing Laparoscopic Cholecystectomy under General Anaesthesia (GA)- a Systematic Review of Randomised Trials Yu Chin Kong[1], Wing Yan Chan[2*] 1. Anaesthesia, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore 2. Anaesthesia, Private Practice, Singapore
2026-0193	Predicting Respiratory Failure and Outcome in Guillain-Barré Syndrome Using EGRIS and mEGOS Scores: A Case Series of ICU Patients Dikho Atmanagara[1*], Calcarina FR Wisudarti[1] 1. Anesthesia and Intensive Care, Faculty of Medicine, Public Health and Nursing Gadjah Mada University/Sardjito General Hospital, Indonesia
2026-0197	Acute Macroglossia Following Oropharyngeal Packing. Joshua Janwar[1*], Clarabella Liew[1] 1. Department of Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore
2026-0200	Comparison of the Effect of Ketofol and Ketodex as Procedural Sedation and Analgesia for Oocyte Retrieval During In Vitro Fertilisation Procedures: A Randomised Controlled Pilot Study Sainath Veeranki[1*], Shailendra Kumar[1], Dhruv Jain[1] 1. Anesthesiology, All India Institute of Medical Sciences New Delhi, India

E-poster

2026-0201	Reactive Airway Dysfunction Syndrome (RADS) in Paediatric Burns: Unraveling a Rare Consequence of Inhalational Injury with Management Guidelines Sainath Veeranki[1*], Rupavath Ramkumar[1] 1. Anesthesiology, All India Institute of Medical Sciences New Delhi, India
2026-0202	Intraoperative Analgesia Nociception Index (ANI)-Guided Remifentanil Administration in Elderly Patients Undergoing Hip Fracture Surgery: A Randomized Controlled Trial Yae Lin Jeon[1*], Min Hee Heo[1] 1. Department of Anesthesiology and Pain Medicine, Ilsan Paik Hospital, Republic of Korea
2026-0204	Critical Care Management of Severe Systemic Lupus Erythematosus Flares Requiring Mechanical Ventilation: A Case Series Bagus Fajar Rochman[1*], Calcarina Fitriani Retno Wisudarti[1] 1. Anesthesiology and Intensive Care, Faculty of Medicine, Public Health and Nursing, Dr. Sardjito General Hospital/ Gadjah Mada University, Indonesia
2026-0205	Delayed but Progressive Epidural Anesthesia for Cesarean Delivery in Severe Congenital Scoliosis with Patent Ductus Arteriosus and Pulmonary Hypertension Otniel Adrians Labobar[1*] 1. Anesthesiology and Intensive Therapy, Universitas Gadjah Mada, Indonesia
2026-0206	Perioperative Opioid-Induced Sensitization and Its Role in The Development of Chronic Postsurgical Pain: A Systematic Review of Current Evidence Abid Hussain[1*], Omar Abdul Hameed Alradhwan[1] 1. Anesthesiology & Pain Medicine, Royal Commission Health Services Program Jubail Saudi Arabia, Saudi Arabia
2026-0213	Perioperative Anesthetic Management and Early Outcomes of Pediatric Congenital Heart Surgery Under Cardiopulmonary Bypass: Initial Experience at a Tertiary Pediatric Center in Mongolia M. Batchimeg[1] [1]Department of Anesthesiology and Intensive Care, National Center for Maternal and Child Health, Ulaanbaatar, Mongolia; School of Medicine, Mongolian National University of Medical Sciences (MNUMS), Ulaanbaatar, Mongolia. Batchimeg Myagmartseren[1*] 1. Department of Anesthesiology and Intensive Care Medicine, Department of Anesthesiology and Intensive Care, National Center for Maternal and Child Health (NCMC), Mongolia
2026-0214	TAVI on Your Toes: Teamwork, Timing, Technology. Dr. Geyasree Muchivolu[1*], Dr. Rajashree Agaskar[2] 1. Resident, Department of Anaesthesiology, Jaslok Hospital and Research Centre, India 2. Senior Consultant and Additional Director, Dept of Anaesthesiology, Jaslok Hospital and Research Centre, India
2026-0216	Dural Puncture Epidural Analgesia for Second-Trimester Pregnancy Termination in a Patient with Eisenmenger Syndrome: A Case Report Yosy Budi Setiawan[1*], Ratih Kumala Fajar Apsari[1], Yusmein Uyun[1] 1. Department of Anesthesiology, Faculty of Medicine, Public Health, and Nursing, Gadjah Mada University, Indonesia
2026-0222	The Forgotten Right Ventricle: Bedside Critical Care Echocardiography-Guided Right Ventricular Hemodynamic Phenotyping in Critically Ill Patients with Acute Exacerbation of COPD Nurul Huda[1*], Calcarina FR Wisudarti[1] 1. Anesthesiology and Intensive Care, Faculty of Medicine, Public Health and Nursing Gadjah Mada University/Sardjito General Hospital, Indonesia
2026-0227	Landmark-Guided Spinal Anesthesia for Cesarean Delivery in a Parturient With Limb-Girdle Muscular Dystrophy Phenotype and Scoliosis: A Resource-Limited Case Report Taufik Saputra[1*], Taufan Pramadika[1] 1. Department of Anesthesia and Intensive Therapy, Faculty of Medicine, Universitas Diponegoro, Semarang, Indonesia
2026-0229	The Impact of Fear of Malpractice on Defensive Medicine Practices Among Malaysian Anaesthesiologists Eugene Jun Zheng Lai[1], Syarifah Noor Nazihah Sayed Masri[1*] 1. Anaesthesiology and Intensive Care, Hospital Canselor Tuanku Muhriz, National University of Malaysia, Malaysia
2026-0230	Fatal Rhabdomyolysis Following Severe Traumatic Subarachnoid and Intraparenchymal Haemorrhage: A Case Report Amiruddin Bin Amran[1], Umairah Binti Esa[1*], Laila Binti Mukmin[1] 1. Department of Anaesthesiology and Critical Care, Universiti Sains Malaysia, Malaysia
2026-0231	Multidisciplinary Neurocritical Care Management of Delayed Cerebral Vasospasm Following Microsurgical Clipping of a Ruptured Distal Anterior Cerebral Artery Aneurysm: A Case Report Zeynep Lee[1], Hatice Sıla Boyacıoğlu[1], Gökhan Sertçakacılar[1,2*] 1. Anesthesiology and Reanimation, University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Türkiye 2. Researcher, Outcomes Research Consortium, Houston, Texas, USA
2026-0240	Anaesthetic Dilemma in Emergency Caesarean for Severe Chorioamnionitis Yi Foong Chia[1*] 1. Singapore General Hospital, SingHealth Anaesthesiology Residency Programme, Singapore
2026-0242	Comparative Efficacy of Different Doses of Dexamethasone as an Adjuvant to Ropivacaine in Axillary Brachial Plexus Block for Forearm and Hand Surgery: A Double-Blind Randomized Controlled Trial Irvinne Keith Simbe[1*] 1. Anesthesiology, Region 2 Trauma and Medical Center, Philippines

E-poster

2026-0243

Unexpected Prolonged Apnea after Succinylcholine Administration: A Case of Butyrylcholinesterase Deficiency.

Todor Krapeshki[1*], Gergana Ivanova[1,3], Margarita Atanasova[1,3], Ivelin Ganev[1], Rostislav Enev[1], Zaharinka Makshutova[2], Magdalena Aleksieva[2], Georgi Yankov[2], Georgi Gergov[2]

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2026-0244

Ruptured Appendicitis in an Adolescent With Double-Inlet Left Ventricle Managed Under General Endotracheal Anesthesia: A Case Report

Juan Miguel Santos[1], Al Joseph Sayas[1], Niña Bella[1*]

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2026-0255

Bridging the Anemic Brain: A Case Report of Physiology-Guided Neuroanesthesia After Massive Neurosurgical Hemorrhage

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2026-0256

Defying the ROX Index: High-Flow Nasal Cannula for Severe ARDS in Weil's Disease with Multiorgan Dysfunction and Iatrogenic Pneumothorax

Nadhila Atsari[1*], Calcarina Fitriani Retno Wisudarti[1]

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2026-0259

Early High-Flow Nasal Cannula for Prevention of High-Risk Reintubation Following Extended Pancoast Tumor Resection and Chest Wall Reconstruction.

Ivelin Ganev[1*], Todor Krapeshki[1], Rostislav Enev[1], Gergana Ivanova[1,3], Margarita Atanasova[1,3], Georgi Yankov[2], Magdalena Aleksieva[2], Georgi Gergov[2], Zaharinka Makshutova[2]

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2026-0261

Anaesthetic Management of Aspiration of a Video Capsule During Endoscopic Placement Under Deep Sedation in a Paediatric Patient

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2026-0262

Severe Epistaxis Following Nasal Instrumentation Under General Anaesthesia: Looking Beyond Direct Trauma

Christopher Mathew[1*], Ashley Lee[1], Emma Du[1]

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2026-0264

Perioperative Challenges: SGLT2-Associated Euglycemic Diabetic Ketoacidosis and Pulmonary Embolism in a Patient with Femoral Neck Fracture

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2026-0270

Comparison of Manometer-Guided and Conventional Clinical Techniques for Endotracheal Tube Cuff Inflation and Postoperative Sore Throat in a Tertiary Hospital in Manila, Philippines: A Prospective Cohort

Hannah Patricia Del Carmen[1], Rosaldro Biasbas[1*], Numeriano Samar, Jr.[1], Riggs Justin Dizon[1]

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2026-0277

Status Epilepticus with Persistent Fetal Bradycardia Caused by Previously Undiagnosed Brain Metastases in a Term Parturient Requiring Emergency Cesarean Delivery

Yuka Suzuki[1*], Kiyoyuki Miyasaka[1], Seiki Abe[1]

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2026-0278

Delayed Emergence Unresponsive to Flumazenil After Remimazolam-Based General Anesthesia in an Elderly Patient With Pre-Existing Cerebrovascular Disease: A Case Report

Jaewoo Kim[1], Yeon Jae Song[1], Kyungmi Kim[1*]

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2026-0279

Comparative Evaluation of Virtual Reality and Augmented Reality as Distraction Techniques on Preoperative Anxiety in Paediatric Patients

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2026-0290

Anesthetic Induction in Patients With Compromised Respiratory Physiology Undergoing Diagnostic Thoracic Procedures: A Case Series Using a Remifentanil-Based Strategy

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2026-0291

Accidental Dural Puncture with a Spinal Introducer Needle During Labour Epidural Insertion

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2026-0293

When the Spine Bends and the Diaphragm Fails: A Case of High-Risk Anesthesia in Dual Anatomic Anomalies

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E-poster

2026-0294	**Beyond Kratom Toxicity: Severe Methanol Poisoning Following Alleged Co-Ingestion of Kratom and Locally Distilled Alcohol** Leonard Immanuel Nathan[1], Aaron Wilson[1*] 1. Department of Anaesthesiology and Critical Care, Duchess of Kent Hospital, Sandakan, Malaysia
2026-0296	**When the BIS Lies: Electromyographic Interference Mimicking Inadequate Anaesthetic Depth During Microvascular Decompression, A Case Report** Victoria Chin Wai Ting[1*], Azarinah Binti Izaham[1], Siti Nidzwani Binti Mohamad Mahdi[1], Jegan A/L Thanabalan[1] 1. Anesthesiology and Critical Care, Hospital Canselor Tuanku Muhriz, Universiti Kebangsaan Malaysia, Malaysia
2026-0304	**Total Intravenous Anaesthesia and Multimodal Analgesia in a Neuromuscular Blockade Agent-Allergic Patient Undergoing Appendicectomy: A Case Report** Fairuz Nasiha Solahudin[1,2], Mun Thing Liew[1], Janice Tze Mei Goh[1], Jo Sheng Ng[1*], Maya Mardiana Nazlan[1] 1. Department of Anaesthesia and Critical Care, Hospital Kuala Lumpur, Malaysia 2. Department of Anaesthesia and Critical Care, Faculty of Medicine, Universiti Teknologi MARA, Malaysia
2026-0308	**Hemodynamic Management of Refractory Mixed Obstructive and Vasoplegic Shock Post-Pulmonary Thrombectomy** Izzuddin Azaharuddin[1], Mohd Wafiq Irfan Zawawi[1*], Low Ren Geng[1] 1. Anaesthesiology and Intensive Care, National University of Malaysia, Malaysia
2026-0309	**Case Report: Intensive Care Management of Disseminated Klebsiella pneumoniae Syndrome Originating from a Bartholin's Abscess** Izzuddin Azaharuddin[1*], Low Ren Geng[1] 1. Anesthesiology and Intensive Care, National University of Malaysia, Malaysia
2026-0311	**Atypical Extra-Pancreatic Tracking and Vascular Complications in Severe Acute Necrotizing Pancreatitis: A Radiological Perspective** Mohd Wafiq Irfan Zawawi[1], Izzuddin Azaharuddin[1*] 1. Anaesthesiology and Intensive Care, National University of Malaysia, Malaysia
2026-0313	**When Low Volume Is Still Too Much: A Case Report of Reversible Retinal Striae Following Peribulbar Anaesthesia** Taufan Pramadika[1*], Taufik Saputra[1], Afrisal Hari Kurniawan[2] 1. Department of Anesthesiology and Intensive Therapy, Faculty of Medicine, Universitas Diponegoro, Semarang, Indonesia 2. Department of Vitreoretinal, JEC Semarang Eye Hospital, Semarang, Indonesia
2026-0314	**It Just Won't Fit: A Case Report on the Airway Management of a Pediatric Patient with Congenital Tracheal Stenosis** Nichole Chua[1*], Fideliz Gutierrez[1] 1. Anesthesia, St Luke's Medical Center, Philippines
2026-0316	**Beyond the Opioid Ceiling: Continuous Dexmedetomidine Infusion for Management of Refractory Cancer Pain and Opioid-Induced Hyperalgesia** Kriscia Anne Cajigal[1*] 1. Multidisciplinary Pain Management Clinic, Perpetual Help Medical Center Las Pinas, Philippines
2026-0321	**When Hypotension Does Not Lead to Emesis: A Case Series of Intrathecal Atropine in Cesarean Spinal Anesthesia** Andy Andy[1*], Ratih Kumala Fajar Apsari[1], Pinter Hartono[1] 1. Obstetric Anesthesia Division, Department of Anesthesiology and Intensive Care, Universitas Gadjah Mada, Indonesia
2026-0324	**Anesthetic Challenges for Cesarean Section in a Morbidly Obese Parturient with Rare New-Onset Atrial Fibrillation: A Case Report** Low Ren Geng[1*], Izzuddin Azaharuddin[1], Goh Kay Vee[2], Suzaliatun Kasbolah[3], Raja Liza Raja Alias @ Raja Khalid[3] 1. Department of Anaesthesia & Intensive Care, Faculty of Medicine, National University of Malaysia, Malaysia 2. Department of Anaesthesia & Critical Care, Hospital Sultanah Aminah, Johor Bahru, Malaysia 3. Department of Anaesthesia & Critical Care, Hospital Pakar Sultanah Fatimah, Muar, Johor, Malaysia
2026-0333	**Comparative Evaluation of the Effect of an Eye Mask and Music on Midazolam Requirement for Bispectral Index (BIS) Guided Sedation during Spinal Anaesthesia** Anuradha Dialani[1*] 1. Anaesthesiology, Maulana Azad Medical College Delhi India, India
2026-0334	**Organ Procurement from Brain-Dead Donors on VA-ECMO with Concurrent IABP Support** Evelyn lixuan Cheng[1*] 1. Anaesthesia, Singapore General Hospital, Singapore
2026-0337	**Association of Clinicodemographic Profile and Occurrence of Post Operative Nausea and Vomiting Among Patients Undergoing Ophthalmic Surgery Under General Anesthesia with Supraglottic Airway** Jesusa Cuyong[1*] 1. Anesthesiology, Western Visayas Medical Center, Philippines
2026-0339	**Low-Volume Ultrasound-Guided Interscalene Block with Dexmedetomidine Sedation for Prolonged Arthroscopic Rotator Cuff Repair in an Obese Patient: A Case Report** Elijah Villaruz[1*] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0345	**Nearly One Million Critical Illness Admissions in Indonesia: Tertiary Care and Severity Emerge as Key Cost Drivers** I Made Prema Putra[1*], Putu Herdita Sudiantara[1], Anak Agung Ngurah Aryawangsa[1], Marilaeta Cindryani[1], Made Agus Kresna Sucandra[1], Putu Agus Surya Panji[1], Tjokorda Gde Agung Senapathi[1] 1. Anesthesiology and Intensive Therapy, Udayana University, Indonesia

E-poster

2026-0349	Awake Epidural Anesthesia Without Sedation for Prone Percutaneous Stenoscopic Lumbar Decompression in a Morbidly Obese Patient with Untreated Obstructive Sleep Apnea: A Case Report Erdeneoyun Baatar[1*] 1. Anesthesiology, Grandmed Hospital, Mongolia
2026-0355	Navigating the Infant Airway: Multi-Level Compression from a Cervicofacial Lymphatic Malformation-A Case Report Bernadette Claire Pelayo[1*] 1. Anesthesiology, St. Luke's Medical Center-Quezon City, Philippines
2026-0356	Chronic Post-Surgical Neuropathic Pain After Laparoscopic Cholecystectomy: A Case Report Emphasizing Mechanism-Based Multimodal Management Kriscia Anne Cajigal[1*] 1. Department of Anesthesiology, Perpetual Help Medical Center Las Pinas, Philippines
2026-0359	Unanticipated Difficult Airway Management and Supraglottic Airway Failure Associated with Relative Macroglossia in a Parturient with MSSA Bacteremia: A Case Report Sunwoo Kim[1], Hyun Joong Kim[1*], Eun Su Choi[1], Yoon Sook Lee[1], Woon Young Kim[1], Jae Hwan Kim[1], Yoon Ji Choi[1] 1. Anesthesia and Pain Medicine, Korea University Ansan Hospital, Republic of Korea
2026-0362	Awake Shoulder Replacement Under Regional Anaesthesia and High-Flow Nasal Oxygen in a Patient with Fibrotic Lung Disease and Pulmonary Hypertension Suraj Jayasundera[1*], Khathija Hasan[1] 1. Anaesthesia, RIPAS Hospital, Brunei Darussalam
2026-0364	Comparison of Autonomic and Hemodynamic Responses Following Ketamine Administration With or Without Sevoflurane Anesthesia: A Prospective Cohort Study Jae Wook Baeg[2], Sou Hyun Lee[1,2*] 1. Anesthesiology and Pain Medicine, Kyungpook National University School of Medicine, Republic of Korea 2. Anesthesiology and Pain Medicine, Kyungpook National University Hospital, Republic of Korea
2026-0365	Microvascular-Macrovascular Dissociation Detected by Nirs and Tcd Monitoring Following Traumatic Brain Injury and Aneurysmal Rupture Farrell Tanoto[1*], Radian Ahmad Halimi[1] 1. Anesthesiology and Intensive Care-Neuroanesthesia and Critical Care, Padjadjaran University, Indonesia
2026-0366	The Frozen Airway and Fragile Body: An Anesthetic Case Report of Advanced Systemic Sclerosis with Massive Bilateral Pleural Effusions Undergoing Bilateral Chest Tube Thoracostomy and Left Hip Disarticulation Kirsten Gil Herico[1*] 1. Anesthesiology, Perpetual Help Medical Center-Las Pinas, Philippines
2026-0370	Effect of Oral Melatonin Premedication on Bispectral Index-Guided Sevoflurane Consumption in Children: A Double-Blind Randomized Controlled Trial Pulkit Johar[1], Yashwant Singh Payal[1*], Mridul Dhar[1] 1. Anaesthesiology, AIIMS Rishikesh, India
2026-0372	Cardiac Tamponade with Secondary Abdominal Compartment Syndrome: A Case of Multi-Organ Dysfunction following Pericardial Effusion Wei Yi Lam[1], Jonathan Cheng[2*] 1. Anaesthesiology, National University Hospital, Singapore 2. Anaesthesiology, Singapore General Hospital, Singapore
2026-0374	Into the Blue Storm: Anaesthetizing an Unrepaired Tetralogy of Fallot Through Three Stages of Anorectal Malformation Surgery Before Corrective Cardiac Surgery Jing Hooi Koey[1], Kean Seng Yeoh[1*], Rufinah Teoh[1,2] 1. Anaesthesia Unit, Hospital Tunku Ampuan Besar Tuanku Aishah Rohani, Kuala Lumpur, Malaysia 2. Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia
2026-0378	Preoperative Nutritional-Inflammatory Phenotypes for Risk stratification of Postoperative Delirium After Hip Surgery Jong Woan Kim[1], Minju Kim[1], Wonjung Hwang[1*] 1. Dep of Anesthesiology, Seoul St Mary's Hospital, Republic of Korea
2026-0381	Maintaining Cerebral Perfusion During Thymectomy in a Child with Severe Ectopic ACTH Syndrome (EAS) and Complex Neurological Complications: A Case Report Low Joe An[1], Nirawanti Mohamad Said[2*] 1. Anaesthesiology and Critical Care, Hospital Tunku Azizah, Malaysia 2. Anaesthesiology and Critical Care, Hospital Tunku Azizah, Malaysia
2026-0382	Management of an Anticipated Difficult Airway in a Post-Irradiated Airway Presenting for Endolaryngeal Microsurgery: A Case Report Eunice Kok[1*] 1. Anaesthesiology, Singapore General Hospital, Singapore

E-poster

2026-0383

Development and Feasibility Evaluation of a Culturally and Linguistically Adapted Immersive Preoperative Virtual Reality (IMProVR) Intervention for Reducing Perioperative Anxiety in Paediatric Patients: A Multi-Phase Evaluation with Healthcare Providers and Child End-Users

Asmah Azizeh[1,2*], Sakinah Idris[3,8], Norsaidatul Nadriah Ahmad Shuhiamy Ahmad Shuhiamy[7,9], Nabila Aimi Mohamed Ghazali[5], Izzati Mohd Bashir[3,8], Wan Nor Raihan Wan Ramli[4], Nik Atilla Atasha Shamsuddin[6]

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2026-0387

A Ticking Time Bomb Meticulously Handled-Double Lumen Intubation for Temporary Stenting in a Compressed Airway

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2026-0390

Anaesthetic Management for Caesarean Delivery in a Parturient With Huntington Disease and Significant Choreiform Movements: A Case Report

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2026-0391

Delivering Through Dengue: Anesthetic Insights from a High-Risk Pregnancy-A Case Report

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2026-0395

Thoracic Epidural Anaesthesia: A Viable Alternative to General Anaesthesia for High-Risk Upper Abdominal Surgery

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2026-0398

Navigating an Anticipated Difficult Airway in a Child with Treacher Collins Syndrome for CochlearTM OSIA 2® Implant: A Case Report

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2026-0400

Balancing Airway and Haemodynamic Risk: Ultrasound-Assisted Spinal Anaesthesia for Emergency Perineal Surgery in a Patient with Severe Obesity and Possible Hypertrophic Cardiomyopathy Physiology

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2026-0402

Suspected Transient Horner's Syndrome Accompanying Local Anesthetic Systemic Toxicity after Ultrasound-Guided Axillary Brachial Plexus Block

Young Ha Park[1], Sang Min Yoon[1], Eun Su Choi[1], Yoon Ji Choi[1], Yoon Sook Lee[1], Woon Young Kim[1], Jae Hwan Kim[1], Hyun Joong Kim[1*]

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2026-0403

When Blood Loss Exceeds Twice the Blood Volume: Anaesthetic Management of a Neonatal Pancreatic Head Teratoma

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2026-0404

Postoperative Pain Management Using Bolus Doses Through an Adductor Canal Catheter Placed with an Epidural Catheter Set Following Total Knee Arthroplasty: A Case Report

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2. Anesthesia and Surgical Department, Mongolia-Japan Hospital of MNUMS, Mongolia

2026-0409

Enhancing Airway Evaluation and Management by POCUS

Prof. (Dr.) Aruna Bharti[1*]

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2026-0422

A Case Report of Severe Anaphylactic Reaction to Sugammadex with Cardiac Arrest and Neurological Sequelae Following Robot-Assisted Partial Nephrectomy

Ohyun Kim[1], Boo-young Hwang[1*]

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2026-0428

Acute Kidney Injury Is Associated with Prolonged ICU Stay and Renal Replacement Therapy after Living-Donor Liver Transplantation: A Single-Center Cohort Study

Solongo Magsar[1*], Chingunjav Batbayar[1], Suvd Sumiya[1], Mandkhai Badmaanyambuu[1], Unurjargal Myagmarsuren[1]

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2026-0429

The Diagnostic Accuracy of Thyromental Height Test as a New Anatomical Airway Measurement for Predicting Difficult Laryngoscopy in Surgical Patients

Syakila Izrah Dato' Amir Firdaus[1], Zawiah Kassim[1*], Fauziah Ahmad[1], Afifah Samsudin[1]

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E-poster

2026-0434	**Upper-Limb Compartment Syndrome Following Rapid Infusion Catheter Extravasation During Orthotopic Liver Transplantation** Je Min Suh[1], Laurence Weinberg[1,2*], Haoran Liu[1], Daniel Laas[1], Nattaya Raykateeraroj[3] 1. Department of Anaesthesia, Austin Health, Australia 2. Department of Critical Care, University of Melbourne, Australia 3. Department of Anesthesiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand
2026-0438	**Case Report: Plasmapheresis in Treatment and Medications of Tetanus** Juan Carson Roy Nathanael Marbun[1*], Faradila Ramadian Triananda[2], Noor Hafidz[2], Inggar Nastiti Aifunan[2] 1. Anesthesiology and Intensive Care, University of Indonesia, Indonesia 2. Anesthesiology and Intensive Care, University of Indonesia Hospital, Indonesia
2026-0442	**Perioperative Management of a 1-Month-Old with Cyanotic Congenital Heart Disease for Emergent Myelomeningocele Closure** Maria Raisa Carla Opulencia[1*], Marcel Young III[1] 1. Anesthesiology, Batangas Medical Center, Philippines
2026-0444	**Occurrence and Impact of Back Pain on the Quality of Life of Healthcare Workers** Altantuya Luvsandorj[1*], Dagvajantsan Byambasuren[1], Yerkyebulan Mukhtar[2], Nergui Altangerel[1] 1. Integrated Anesthesiology and Surgical Department, The First Central Hospital of Mongolia, Mongolia 2. Research Center for Health Statistics and GIS, Mongolian National University of Mongolia, Mongolia
2026-0449	**Unexpected Failure of Videolaryngoscopy Due to Lingual Tonsillar Hypertrophy in a Patient with Crouzon Syndrome and Ankylosing Spondylitis : A Case Report** Sung Mi Ji[1], Jae Gyok Song[1*], Min A Kwon[1], Tae Won Heo[1], Chang Hoon Seong[1] 1. Anesthesiology and Pain Medicine, Dankook University Hospital, Republic of Korea
2026-0453	**Navigating a Minefield: Scoliosis Correction Surgery in a Patient with Noonan Syndrome, Pulmonary Hypertension, Type 2 Von Willebrand Disease and History of Anaphylactic Shock to Fresh Frozen Plasma** Wai Kay Wong[1], Suer Ker Soo[2*], Sook Hui Chaw[1], Nithiakalyanee Subramaniam[2], Muhammad Aisamuddin Zulkifli[1], Chris Yin Wei Chan[3] 1. Department of Anaesthesia, Universiti Malaya, Malaysia 2. Department of Anaesthesia, Universiti Malaya Medical Centre, Malaysia 3. Department of Orthopedic Surgery, Universiti Malaya, Malaysia
2026-0454	**Pulsed Ventricular Tachycardia Associated with Local Epinephrine Infiltration during Anterior Colporrhaphy** Undral Jargalsaikhan[1], Ankhzaya Baljinnyam[2*] 1. Department of Anesthesiology, MNUMS Graduate School of Medical Science, Mongolia 2. Anesthesia and Surgical Department, Mongolia-Japan Hospital of MNUMS, Mongolia
2026-0455	**Successful Hemodynamic Recovery Using Flumazenil in a Case of Suspected Remimazolam-Induced Anaphylaxis: A Case Report** Hyunzu Kim[1*], Jimyeong Jeong[1], Hyun Kyoung Lim[1], Seung Ku Han[1], Bokyung Park[1], Nahee Kil[1] 1. Anesthesiology and Pain Medicine, Inha University Hospital, Republic of Korea
2026-0466	**Ventilation-Induced Gastric Rupture after Extubation in the ICU: A Case Report** Haewon Seo[1], Joo Yong Lee[1*] 1. Department of Anesthesiology and Pain Medicine, Chungbuk National University Hospital, Republic of Korea
2026-0469	**Veno-Venous Extracorporeal Membrane Oxygenation-Assisted Tube Exchange for Unexpected Blood Clot Obstruction of a Double-Lumen Tube during Thoracoabdominal Aortic Surgery: A Case Report** Chaeeun Han[1], Juseok Oh[1], Seunghee Ki[1*] 1. Department of Anesthesiology and Pain Medicine, Busan Paik Hospital, Republic of Korea
2026-0471	**Early Bronchoscopic Confirmation of Acute Noncardiogenic Pulmonary Edema Presenting as Unexplained Extubation Failure: A Case Report** Youngkwan Eum[1], Joo Yong Lee[1*] 1. Department of Anesthesiology and Pain Medicine, Chungbuk National University Hospital, Republic of Korea
2026-0472	**Femoral-Femoral VV-ECMO for Prolonged Apneic General Anesthesia in Severe Tracheal Obstruction: A Case Report** Sou Hyun Lee[1*], Yeongun Kim[1] 1. Anesthesiology and Pain Medicine, Kyungpook National University Hospital, Republic of Korea
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2026-0492	**Spinal Anaesthesia in a Parturient With Previous Transverse Myelitis and Complete Neurological Recovery: A Case Report** Santha Letchumi Parameswaran[1], Chong Win Chua[1*], Ainaa Ismail[1] 1. Anesthesiology Department, Seberang Jaya Hospital, Ministry of Health Malaysia, 13700 Penang, Malaysia
2026-0502	**Venoarterial Extracorporeal Membrane Oxygenation as a Bridge to Surgical Repair in Penetrating Cardiac Injury with Tamponade: A Case Report** Sung Mi Ji[1], Jaegyok Song[1*], Min A Kwon[1], Sun Han[2], Sharon Hwang[1], Da Hyeon Jang[1] 1. Department of Anesthesiology and Pain Medicine, Dankook University Hospital, Republic of Korea 2. Department of Cardiothoracic Surgery, Dankook University Hospital, Republic of Korea

E-poster

2026-0503	A Survey of Knowledge and Behavior of Neuromuscular Blocking Agents, Reversal Agents and Neuromuscular Monitoring among Anesthesia Personnel in Thailand Aphichat Suphathamwit[1], Sivakorn Siriponlai[1], Chiraprapa Charoenkijwattanakul[1*] 1. Anesthesia, Siriraj Hospital, Mahidol University, Thailand
2026-0505	Intraoperative Awareness during Remimazolam-Based Anesthesia in a Patient with Long-Term Benzodiazepine Use and Obesity: A Case Report Yujin Lee[1], Sejong Jin[1*] 1. Department of Anesthesiology and Pain Medicine, Korea University Anam Hospital, Republic of Korea
2026-0507	Navigating Hemodynamic Challenges in Cesarean Delivery: Anesthetic Management of Severe Rheumatic Mitral Stenosis-Regurgitation with HFpEF and Hyperthyroidism Teda Faadhila[1*], Rafidya Indah Septica[2] 1. Anesthesiology and Intensive Care, Cipto Mangunkusumo National Hospital, University of Indonesia, Indonesia 2. Anesthesiology and Intensive Care, Tangerang District General Hospital, Indonesia
2026-0508	A Comparative Study of Anesthetic Techniques for Achilles Tendon Repair Surgery: Popliteal Nerve Block vs Spinal Anesthesia Nyamsuren Tumurbaatar[1*] 1. Department of Surgery and Anesthesiology, National Traumatic and Orthopedic Research Center, Mongolia
2026-0509	Postoperative Involuntary Movement following General Anaesthesia: A Case Report Zhi Yun Leow[1*], Kar Mun Tham[1] 1. Department of Anaesthesiology and Perioperative Medicine, Singapore General Hospital, Singapore
2026-0518	When the Image Anchors the Diagnosis: Diagnostic Bias in Recurrent Extubation Failure Yonghan Li[1*] 1. Department of Anaesthesiology, Singapore General Hospital, Singapore
2026-0521	An Angel's Awakening: Delayed Emergence Following Laparoscopic Cholecystectomy under Propofol Total Intravenous Anesthesia in a Patient with Angelman Syndrome Angela Christensen Lorenzo[1*], Margaret Anne Olalia-Lipana[1] 1. Anesthesiology and Perioperative Medicine, University of Santo Tomas Hospital, Philippines
2026-0522	Effectiveness of High-Voltage Pulsed Radiofrequency for Chronic Lumbosacral Radicular Pain Farhan Ali Rahman[1,2*], Nur Surya Wirawan[2], Muhammad Ramli Ahmad[2], Andi Muhammad Takdir Musba[2], Hanin Nabilla Nurrahmani[1] 1. Department of Anesthesiology and Intensive Care, Dr. Sardjito General Hospital, Universitas Gadjah Mada, Indonesia 2. Department of Anesthesiology, Intensive Care, and Pain Management, Faculty of Medicine, Hasanuddin University, Indonesia
2026-0524	Anaesthetic Management of Decortication and Wedge Resection for Thoracic Empyema and Bronchopleural Fistula in a Patient with Ankylosing Spondylitis: A Case Report. Indrani Das[1], Nitin Choudhary[1*], Asif P[1], Archana Kulkarni[1] 1. Department of Anaesthesiology, Pain Medicine and Critical Care, Aii India Institute of Medical Sciences, New Delhi, India
2026-0529	Continuous Low-Dose Ketamine and Stellate Ganglion Block for Acute Exacerbation of Chronic Neuropathic Pain in Paraneoplastic Syndrome Secondary to Papillary Thyroid Carcinoma: A Case Report Susasti Hasanah[1*] 1. Anesthesiology and Intensive Therapy, Cipto Mangunkusumo Hospital, Indonesia
2026-0533	Pioneering Advanced Epilepsy Care in Middle-Income Country: A Retrospective Review of 18 Stereotactic Electroencephalography (SEEG) Electrode Implantations. Suet Ker Soo[1*], Jeyaganesh Veerakumaran[2], Si Lei Fong[4], Vairavan Narayanan[3] 1. Anaesthesiology, Universiti Malaya Medical Center, Malaysia 2. Anaesthesiology, Universiti Malaya, Malaysia 3. Neurosurgery, Universiti Malaya, Malaysia 4. Medicine, Universiti Malaya, Malaysia
2026-0535	Beyond the Tick-Box: Transitioning from Passive Monitoring to Active Central Line-Associated Bloodstream Infection (CLABSI) Surveillance in a Tertiary ICU Azarinah Izaham[1,2], Izzuddin Azaharuddin[1,2], Mohd Khazrul Nizar Abd Kader[2], Iskandar Khalid[2], Mohammad Nizam Mokhtar[1,2], Low Ren Geng[1,2*] 1. Department of Anaesthesiology & Intensive Care, Faculty of Medicine, National University of Malaysia (UKM), Malaysia 2. Department of Anaesthesiology & Intensive Care, Hospital Canselor Tuanku Muhriz, National University of Malaysia (UKM), Malaysia
2026-0537	From Breakthrough Pain to Pain Freedom: Successful Splanchnic Nerve Neurolysis for Refractory Pancreatic Cancer Pain-An Evidence Based Case Report Luther Holan Parasian Napitupulu[1], Felicia Handoko[2*] 1. Division of Pain Management, Department of Anesthesiology and Intensive Care, Dr. Cipto Mangunkusumo General Hospital, Faculty of Medicine Universitas Indonesia, Indonesia 2. Department of Anesthesiology and Intensive Care, Dr. Cipto Mangunkusumo General Hospital, Faculty of Medicine Universitas Indonesia, Indonesia
2026-0541	Perioperative Airway Management in a Patient with Cervical Myelopathy and Spinal Canal Stenosis Decompression Erdeneoyun Baatar[1], Altanundrakh Bazargarid[1], Bolormaa Tsegmid[1*] 1. Department of Anesthesiology, Grandmed Hospital, Ulaanbaatar, Mongolia, Grandmed Hospital, Mongolia
2026-0548	Awake Carotid Endarterectomy Using Combined Superficial and Deep Cervical Plexus Block Enkhtuya Ganbold[1], Oyunbileg Davaarsuren[1*] 1. Department of Anesthesiology and Surgery, The Third State Central Hospital, Mongolia

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2026-0552	**The Efficacy and Safety of Thermosoftening Techniques for Endotracheal Tubes in Nasal Intubation: Systematic Review and Meta-Analysis with Trial Sequential Analysis** Soo Hee Lee[1*], Junyoung Park[1] 1. Anesthesiology and Pain Medicine, Changwon Gyeongsang National University Hospital, Republic of Korea
2026-0553	**Closing the Pre-Warming Gap: A Malaysian Quality Improvement Initiative in Perioperative Temperature Management** Adlina Athilah Abdullah[1*], Azarinah Izaham[1], Kok Wang Tan[1], Izzuddin Azaharuddin[1], Ren Geng Low[1], Amyrul Ikmal Haziq Nor Azman[3], Raveenthiran Rasiah[2] 1. Anaesthesiology & Intensive Care, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia 2. Anaesthesiology & Intensive Care, Avisena Specialist Hospital, Shah Alam, Selangor, Malaysia 3. Surgery, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia
2026-0572	**Suprazygomatic Maxillary Nerve Block for Pediatric Tonsillectomy in High-Risk Children: A Case Series** Noor Iftitah Ab Rahman[1*], Mohd Ali Imran Ab Rahaman[2], Sook Hui Chaw[1] 1. Anaesthesiology and Critical Care, University Malaya Medical Centre, Malaysia 2. Social Preventive Medicine, University Malaya, Malaysia
2026-0581	**Predicting Elective Orthopedic OR-Day Completion Time and Overtime Risk: A Simulation-Validation Study** Suphawit Bumroongkit[1], Phuriphong Chanthima[1*], Wachiranun Sirikul[2,3], Tanyong Pipanmekaporn[1,2], Settapong Boonsri[1] 1. Department of Anesthesiology, Faculty of Medicine, Chiang Mai University, Thailand 2. Department of Biomedical Informatics, Faculty of Medicine, Chiang Mai University, Thailand 3. Department of Community Medicine, Faculty of Medicine, Chiang Mai University, Thailand
2026-0584	**Identifying Asian Community Pain Intervention Programmes: A Scoping Review** Daryl Jian An Tan[1], Suwathi Baskaran[2], Bryan Peide Choo[3], Lydia Weiling Li[2,4,5*] 1. Division of Anaesthesiology and Perioperative Medicine, Singapore General Hospital, Singapore 2. Department of Anaesthesiology and Surgical Intensive Care, Changi General Hospital, Singapore 3. Health Services Research, Changi General Hospital, Singapore 4. Yong Loo Lin School of Medicine, National University of Singapore, Singapore 5. Duke-NUS Medical School, Singapore
2026-0585	**Airway Management in Tessier Cleft Type 3** Kanika Chauhan[1], Dhruv Jain[1*] 1. Anaesthesiology, All India Institute of Medical Sciences, India
2026-0587	**Persistent Postoperative Shock Following Endovascular Revascularisation: A Case of Catastrophic Retroperitoneal Haemorrhage and Abdominal Compartment Syndrome** Rachel Teo[1*] 1. Anaesthesia, Woodlands Hospital, Singapore
2026-0588	**Severe Dilutional Metabolic Acidosis and Transient Intracranial Hypertension Following Dural Tear During Revision Biportal Endoscopic Spinal Surgery: A Case Report** Jeong Hyun Yoon[1*], Chan Seon Yoo[1] 1. Anesthesiology and Pain Medicine, National Medical Center, Republic of Korea
2026-0595	**The Midnight Rambutan: Multidisciplinary Rescue of Impending Complete Airway Obstruction in a Child with Down Syndrome** Afifah Samsudin[1,2*], Aliah Farhah Azlan[2], Adlin Dasima Abdul Kadir[1,2] 1. Anaesthesiology & Intensive Care, Faculty of Medicine, Universiti Teknologi MARA (UiTM), Malaysia 2. Anaesthesiology & Intensive Care, Hospital Al-Sultan Abdullah, Universiti Teknologi MARA, Malaysia
2026-0596	**A Missing Voice Prosthesis and a Hypoxic Lung: Anaesthetic Management of Bronchial Obstruction and Anaesthetic and Procedural Challenges** Afifah Samsudin[1,2*], Mohammad Ersyad Kamil Mohammad Syafiie[2], Mufaddal Moiz[1,2], Akmal Firdaus Samuel[1,2], Adlin Dasima Abdul Kadir[1,2] 1. Anaesthesiology & Intensive Care, Faculty of Medicine, Universiti Teknologi MARA (UiTM), Malaysia 2. Anaesthesiology & Intensive Care, Hospital Al-Sultan Abdullah, Universiti Teknologi MARA (UiTM), Malaysia
2026-0597	**Relaxation Without Paralysis: Neuromuscular Blocker-Free Anesthesia for Laparoscopic Gynecologic Surgery in Myasthenia Gravis** Michaella Audrey Morano[1], Candice Louise Cheng-Delovino[1*] 1. Anesthesiology, St. Luke's Medical Center-Quezon City, Philippines
2026-0598	**When Left Goes Right... and Right Goes Wrong: Anesthetic Management of a Parturient with Unrepaired Ventricular Septal Defect and Suspected Eisenmenger Syndrome During Emergency Cesarean Delivery-A Case Report** Shaira Soriano[1*] 1. Anesthesiology and Perioperative Medicine, University of Santo Tomas Hospital, Philippines
2026-0601	**Airway Reboot- Rewriting the Route in Congenital Torticollis with Fibreoptic Bronchoscope** Keerthana Jayabalan[1], Aravindan Rajeswaran[1*] 1. Anesthesia, Apollo Hospital Enterprises Limited, India
2026-0602	**Management of Accidental Retention of Guide Wire during Dialysis Catheter Insertion in a Multidisciplinary Team Approach; A Case Report.** Pradeep Adhikari[1*] 1. Department of Anesthesiology, Bharatpur Hospital, Bharatpur-10, Chitwan, Nepal, Nepal
2026-0604	**Combined Total Intravenous and Inhalational Anaesthesia for Separation Surgery of Pygopagus Conjoined Twins: A Case Report** Imelda Kong Wei[1*], Yu Xin Tai[1], Raja Muhidayah Binti Raja Baniamin[1], Grace Soon[1] 1. Anaesthesiology and Critical Care, Sabah Women and Children Hospital, Malaysia

E-poster

2026-0606	**Intensive Care Management of Disseminated Klebsiella pneumoniae Syndrome Originating from a Bartholin's Abscess** Adlina Athilah Abdullah[1*], Izzuddin Azaharuddin[1], Ren Geng Low[1], Azarinah Izaham[1], Aliza Mohamad Yusof[1] 1. Anaesthesiology & Intensive Care, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia
2026-0609	**Calculated Deviation: Anesthetic Management of a 2-Year-Old Patient with Edward's Syndrome, Uncorrected Double Outlet Right Ventricle, and Focal Epilepsy Undergoing Cleft Lip Repair under General Endotracheal Anesthesia** Marie Frederique Cajucom[1*], Anne Michelle Salomon-Avelino[1] 1. Anesthesiology, The Medical City, Philippines
2026-0623	**Transient Perioperative Visual Loss Following Adolescent Scoliosis Surgery** H.R.Wubany Pillay[1*], Naeema Binti S. Masohood[2] 1. Department of Anaesthesiology and Intensive Care, Kulliyyah of Medicine, International Islamic University Malaysia, Malaysia 2. Department of Anaesthesiology and Intensive Care, Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
2026-0624	**Use of Liposomal Bupivacaine for Adductor Canal Blockade: A Systematic Review and Meta-Analysis of Randomized Controlled Trials** Feng Feng Wang[1], Chung Hin Shing[1], Timmy Chi Wing Chan[2], Stanley Sau Ching Wong[1*] 1. Department of Anaesthesiology, University of Hong Kong, Hong Kong, China 2. Department of Anaesthesia, Pain and Perioperative Medicine, Queen Mary Hospital, Hong Kong, China
2026-0629	**Anaesthetic Management of an Adult Patient with Ebstein Anomaly Associated with Ostium Secundum Atrial Septal Defect Undergoing Surgical Repair** Dr. Maahee Garg[1*] 1. SMS Hospital, Rajasthan, Sawai Mansingh Hospital, RUHS, India

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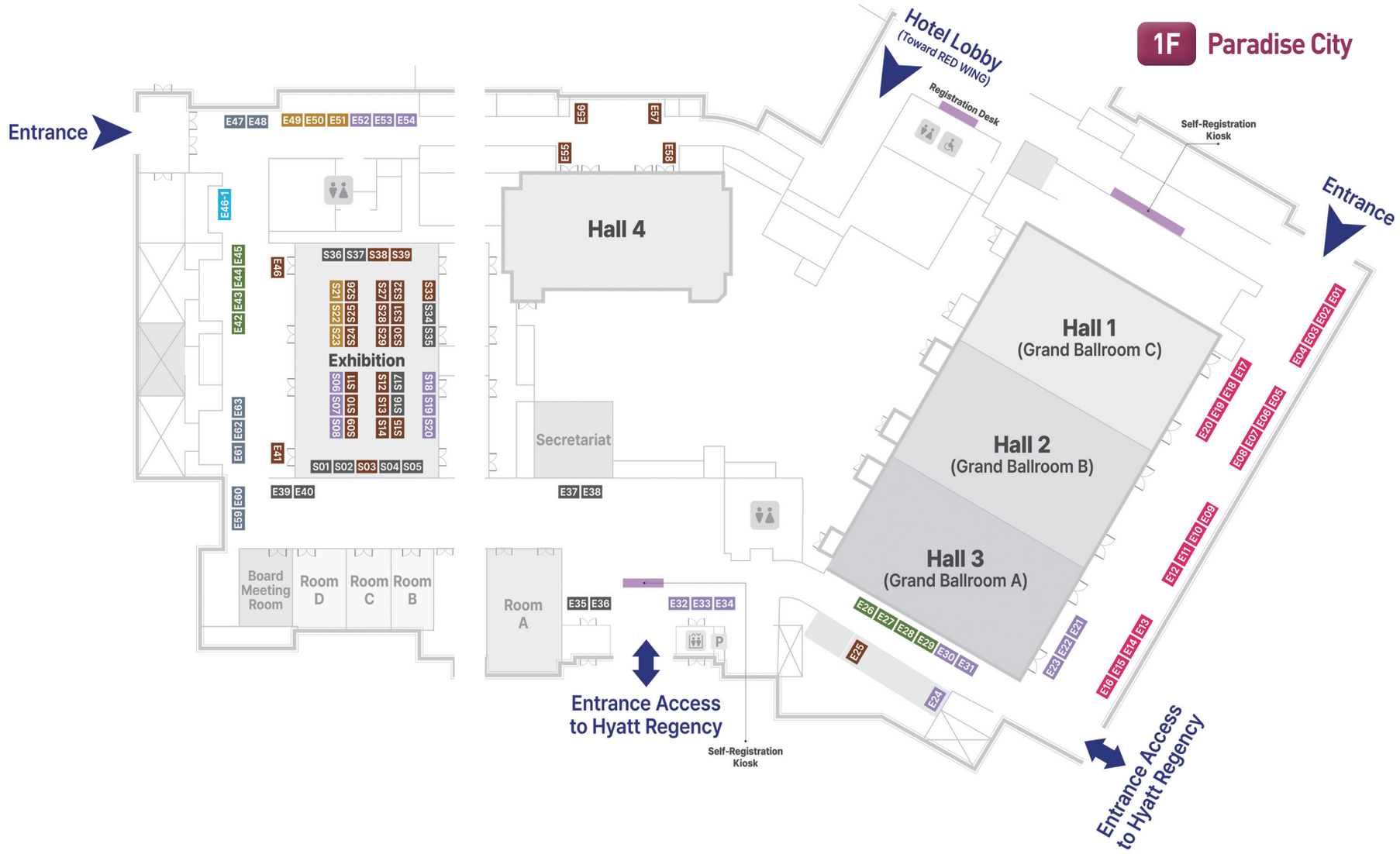
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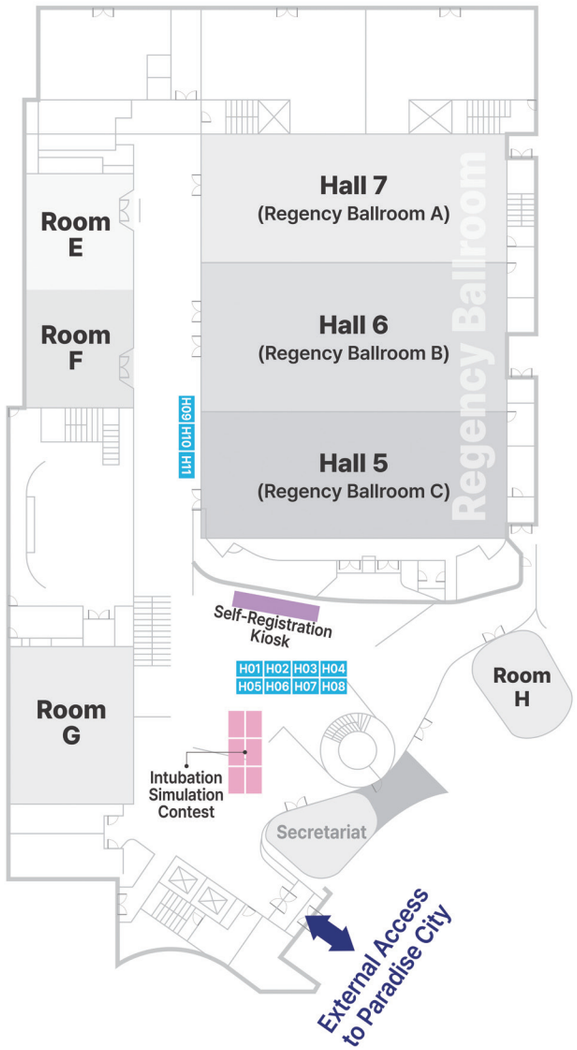
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103RD KOREANESTHESIA 2026
The 103rd Annual Scientific Meeting of the Korean Society of Anesthesiologists

Printed on November 1st, 2026

Published on November 1st, 2026

Editor in Chief Jin-Tae Kim

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Published by The Korean Society of Anesthesiologists
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Tel +82-2-558-3110 / Fax +82-70-8270-3110
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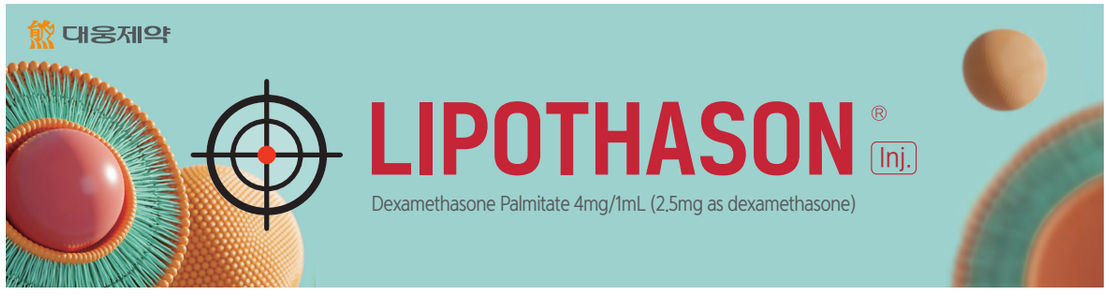
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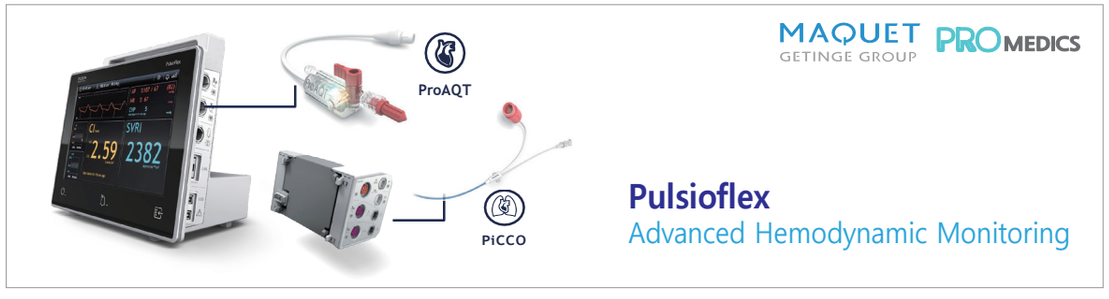
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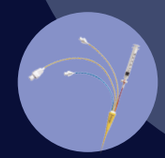




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