

KOREANESTHESIA 2017

2017 Nov 2-4 (Thu-Sat) The-K Hotel, Seoul, Korea

Program at a Glance

Abbreviation

[PD] Panel Discussion

[RC] Refresher Course

[S] Symposium

AMB Ambulatory Anesthesia

AP Anesthetic Pharmacology

AW Airway Management

CA Cardiovascular Anesthesiology

CC Critical Care

EdSim Education & Simulation

GA Geriatric Anesthesia

NA Neuroscience in Anesthesiology

OB Obstetric Anesthesia

P Pain

PBM Patient Blood Management

PED Pediatric Anesthesia

PM Perioperative Medicine

RA Regional Anesthesia

SO Safety & Outcome

TA Thoracic Anesthesia

Tech Technology & Monitoring

TX Transplantation Anesthesia

■ Program at a Glance ■

■ November 2 (Thursday) 2017

Time	Grand Ballroom B (Korean)	Grand Ballroom A (Korean)	Crystal Ballroom (English & Korean)
09:00-10:30	[RC] Refresher course	[RC] Refresher course	[S] Updates in anesthesiology
10:30-10:50	Coffee break	Coffee break	Coffee break
10:50-12:30	[RC] Refresher course	[RC] Refresher course	[S] Updates in anesthesiology
12:30-13:30	Lunch	Lunch	Lunch
13:30-15:10	[RC] Refresher course	Education for anesthesiology teaching faculty (Internal)	[S & PD] Latest issues in perioperative medicine
15:10-15:30	Coffee break	Coffee break	Coffee break
15:30-17:30	[RC] Refresher course	Education for anesthesiology teaching faculty (Internal)	KSA board meeting (Internal, Korean)

■ November 3 (Friday) 2017

Time	Grand Ballroom B (English & Korean)	Grand Ballroom A (Korean)	Crystal Ballroom (English & Korean)	Hankang (Korean)	Geumkang (Korean)
09:00-10:30	[S] TIVA vs volatile AP CA PM	General assembly Awarded-research report	[S] Perioperative pain GA PM RA SO	[S] Pain-evidence- based treatment in failed back syndrome P	[S] TIVA for non- operation room anesthesia (NORA) AP PED PM
10:30-11:00	Coffee break	Coffee break	Coffee break	Coffee break	
11:00-12:30	[PBLD] PBLD-Anesthesia for liver transplantation: hemodynamics and coagulation	[S] Perioperative medicine GA CA PM	[S-PD] Latest issue in IV anesthesia & fluid management AP CA SO PM	[S] Medical engineering & information ME PE	[S] Critical care CC SO
12:30-13:30	Luncheon (MSD)	Luncheon (Pfizer)	Luncheon (Masimo)		Luncheon
13:30-15:00	[S] Transplantation anesthesia	[S] Thoracic anesthesia AW TA PM	[S] Perioperative echocardiography & ultrasound CA CC TX	[S] Enhanced recovery after surgery (ERAS) AP AMB SO	Poster competition
15:00-15:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
15:30-17:30	[S] Neuroanesthesia AP NA SO	[S] Patient blood management PBM	[S] Cardiovascular anesthesia CA PBM CC TX	[P] Pain-representative neuropathic pain condition P GA	[S] Neuromuscular block AP NMB

■ November 4 (Saturday) 2017

Time	Grand Ballroom B (English & Korean)	Grand Ballroom A (Korean)	Crystal Ballroom (English & Korean)	Hankang (Korean)	Geumkang (Korean)
09:00-10:10	[S] Anesthesia simulation & education SmEd	[S] Perioperative hypotension AP CA SO	[S] Enhanced recovery after surgery AP PA	[S] Anesthesia quality & outcome PA CC	Poster competition (Challenging case)
10:10-10:30			Coffee break		
10:30-10:50	Coffee break	Coffee break		Coffee break	Trainee Poster competition (Residents)
10:50-12:30	[S] New paradigm in airway management AW CC PM	[S] Medical engineering & Information AP Tech SO	[S] Cardiovascular anesthesia AP CA CC SO TX	[S] US-guided procedure in pain practice PM RA	
12:30-13:30	Luncheon (Masimo)	Luncheon (Edwards)	Luncheon (Medtronic)		
13:30-15:00	[S] Intraoperative patient monitoring AP AMA CC GA	[S] Geriatric anesthesia- CC GA PM	[S] Patient blood management AP CA CC GA OB PBM	[S] Pediatric anesthesia PED SO	[S] Latest issue in perioperative medicine & critical care
15:00-15:30		Coffee break		Coffee break	Coffee break
15:30-16:00	Coffee break		Coffee break		
16:00-16:30	[S] Obstetric anesthesia OB SO	[S] NORA MAC AMB CA	[S] Transplantation anesthesia TX CA CC PM	[S] Advanced pain procedure P PM RA	[S] Regional anesthesia PM RA
16:30-17:30					Resident quiz contest

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■ Program Details – Refresher Course ■

■ November 2 (Thursday) 2017

[RC]	Nov 2 Thu 09:00–10:30	Refresher course Moderator: In-cheol Choi (Ulsan Univ)	Grand Ballroom B (Korean)
AP CA CC TA		Preoperative cardiopulmonary function Seung Zoo Yoon (Korea Univ) What is fluid-responsiveness? Dae-Keel Choi (Ulsan Univ) Hemodynamic management during CPB Sang Beom Nam (Yonsei Univ) Weaning from CPB Jong-Hwan Lee (Sungkyunkwan Univ) Q&A	
[RC]	Nov 2 Thu 10:50–12:30	Refresher course Moderator: Kye-Min Kim (Inje Univ)	Grand Ballroom B (Korean)
AP CC GA TA		Management of one-lung ventilation Wookjong Kim (Ulsan Univ) Ventilation for COPD Heeseung Lee (Ewha Womans Univ) Cerebral perfusion pressure Hee-pyoung Park (Seoul Univ) Neuromuscular monitoring basics & updates Yong Beom Kim (Gachon Univ) Q&A	
[RC]	Nov 2 Thu 13:30–15:10	Refresher course Moderator: Hee-Soo Kim (Seoul Univ)	Grand Ballroom B (Korean)
AP CC PED PM		Target-controlled infusion: a mature technology Ka Young Rhee (Konkuk Univ) Perioperative lung-ultrasound Kyu Nam Kim (Hanyang Univ) Intraoperative ventilation for pediatric patients Jeong-Rim Lee (Yonsei Univ) Postoperative pain control in pediatric patients Eunhee Kim (Seoul Univ) Q&A	

[RC]	Nov 2 Thu 15:30–17:30	Refresher course Moderator: Bon-Nyeo Goo (Yonsei Univ)	Grand Ballroom B (Korean)
AP CA CC PBM PM		Point-of-care viscoelastic test Won-Kyoung Kwon (Konkuk Univ) Acute normovolemic hemodilution Min A Kwon (Dankook Univ) Perioperative new oral anti-coagulants Sun Young Park (Soonchunhyang Univ) Triggers for RBC transfusion Sang-Hyun Kim (Soonchunhyang Univ) Q&A	
[RC]	Nov 2 Thu 09:00–10:30	Refresher course Moderator: Bong Jae Lee (Kyunghee Univ)	Grand Ballroom A (Korean)
PM RA SO		Nerve block for postoperative pain control (20) Seunguk Bang (Catholic Univ) Radiation protection in pain clinic (20) Jae Hun Kim (Konkuk Univ) Diagnosis of spinal pain (20) Yusom Shin (Kosin Univ) Propofol for procedural sedation (20) Young Chul Yoo (Yonsei Univ) Q&A	
[RC]	Nov 2 Thu 10:50–12:30	Refresher course Moderator: Sung Jin Hong (Catholic Univ)	Grand Ballroom A (Korean)
CC GA PM RA		CAM for evaluating postoperative delirium Yong-Hun Lee (Ulsan Univ) Central-venous-catheter-related blood stream infection Jeongwoo Lee (Chonbuk Univ) Hemodynamic management of Sepsis Choon Hak Lim (Korea Univ) Extracorporeal membrane oxygenation Yang Hyun Cho (Sungkyunkwan Univ) Q&A	

■ Program Details – Symposium ■

– Nov 2 (Thu) Morning Session

[S]	Nov 2 Thu 09:00–10:30	Updates in anesthesiology Moderator: Kyeong Tae Min (Yonsei Univ) Younsuk Lee (Dongguk Univ)	Crystal Ballroom (English & Korean)
AP CA CC NA Tech		TCI propofol–MCT/LCT in Schneider/Marsh model Seongwook Jeong (Chonnam Univ) Getting the best out of BIS Gordon Wong (Hong Kong) Pitfalls in non–invasive cerebral monitoring Suraphong Lorsomradee (Thailand) Q&A	
[S]	Nov 2 Thu 10:50–12:30	Updates in anesthesiology Moderator: Sangmin Lee (Sungkyunkwan Univ) Hee–Jung Baik (Ewha Womans Univ)	Crystal Ballroom (English & Korean)
AP CA CC PM SO		Intravenous fluid selection Robert Hahn (Sweden) Cardiac surgery–associated acute kidney injury: etiology & prevention Yunseok Jeon (Seoul Univ) TEE and peri–operative LV performance Paul Diprose (UK) Q&A	

– Nov 2 (Thu) Afternoon Session

[S & PD] Nov 2 Thu 13:30–15:10	Latest issues in perioperative medicine Moderator: Sang-kee Min (Ajou University) Yong-seon Choi (Yonsei Univ)	Crystal Ballroom (English & Korean)
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GA P PM RA SO

Perioperative surgical home: the role of a regional anesthesia and acute pain service

Edward Kim (USA)

Sex differences in personalized pain control: The role of immune system

Veronica Shubayev (USA)

Enhanced recovery after surgery – from a team of experts to an expert team

Laurence Weinberg (Australia)

– Nov 3 (Fri) Morning Session

[S]	Nov 3 Fri 09:00–10:30	TIVA vs volatile Moderator: Hyun Kyoung Lim (Inha Univ) Jin Yong Chung (Daegu Catholic Univ)	Grand Ballroom B (English & Korean)
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AP CA PM

TIVA vs. volatile anesthesia in myocardial injury
Jae-Kwang Shim (Yonsei Univ)
The time is right for TIVA?
Gordon Wong (Hong Kong)
[PD] Which anesthetics on which types of surgery?

[PBLD]	Nov 3 Fri 11:00–12:30	PBLD–Anesthesia for liver transplantation: hemodynamics and coagulation Moderator: Tetsuro Sakai (USA) Kenich Tanaka (USA)	Grand Ballroom B (English & Korean)
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PM TX

Panels
Justin Sangwook Ko (Sungkyunkwan Univ)
Sang Hyun Hong (Catholic Univ)
Sang Hyun Kim (Soonchunhyang Univ)
Jun-Gol Song (Ulsan Univ)
Sang Kim (USA)

	Nov 3 Fri 09:00–10:30	General assembly Moderator: Jae Hwan Kim (Korea Univ)	Grand Ballroom A (Korean)
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Opening ceremony & remarks
Introduction
President-elect, Chair-elect
Welcoming all asian presidents
Award ceremony

Awarded–research report

Moderator: Jong In Han (Ewha Womans Univ)

Dexmedetomidine confers neuroprotection against cerebral ischemia by inhibiting inflammation through inactivation of the TLR-4/NF- κ B pathway
Hee-pyoung Park (Seoul Univ)

[S]	Nov 3 Fri 11:00–12:30	Perioperative medicine Moderator: Young Lan Kwak (Yonsei Univ) Jin Hee Kim (Seoul Univ)	Grand Ballroom A (Korean)
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GA CA PM

Strain Echocardiography
Seong-Mi Park (Korea Univ)
Pulse pressure hypertension
Kye-Hun Kim (Chonnam Univ)
Ventricular arterial interaction and coupling
Chi-Young Shim (Yonsei Univ)
Q&A

[S]	Nov 3 Fri 09:00–10:30	Perioperative pain Moderator: Sang–Wook Shin (Pusan Univ) Hye Won Lee (Korea Univ)	Crystal Ballroom (English & Korean)
GA PM SO RA		Challenges in acute postoperative pain management Edward Kim (USA) Autoimmune mechanisms of painful neuropathy Veronica Shubayev (USA) [PD] What has been ignored in patient pain management?	
[S–PD]	Nov 3 Fri 11:00–12:30	Latest issue in IV aneshtesia & fluid management Moderator: Kyung Yeon Yoo (Chonnam Univ) Young–Tae Jeon (Seoul Univ)	Crystal Ballroom (English & Korean)
AP CA SO PM		Fluid distribution kinetics during surgery Robert Hahn (Sweden) Non–invasive monitoring of Hb & intravascular volume Suraphong Lorsomradee (Thailand) [PD] What has been ignored in perioperative IV volume management?	
[S]	Nov 3 Fri 09:00–10:30	Pain–evidence–based treatment in failed back surgery syndrome Moderator: Duck Mi Yoon (Yonsei Univ) Mi Kyoung Lee (Korea Univ)	Hankang (Korean)
P		Diagnosis and pathophysiology of FBSS Shin Hyung Kim (Yonsei Univ) Analgesic medication Hyung Gon Lee (Chonnam Univ) Interventional treatment in FBSS Jong-bum Choi (Ajou Univ) Q&A	
[S]	Nov 3 Fri 11:00–12:30	Medical engineering & information Moderator: Tae Kyun Kim (Pusan Univ) Byung Moon Choi (Ulsan Univ)	Hankang (Korean)
ME PE		Simultaneous EEG & fNIRS monitoring to detect conscious level change Jae Gwan Kim (Gwangju Institute of Science and Technology) Time–frequency–domain analysis of PPG waveform: blood volume & vascular compliance Won-Jung Shin (Ulsan Univ) Characteristics of EEG patterns of unconsciousness induced by general anesthesia Jae Moon Choi (Ulsan Univ) Q&A	

[S]	Nov 3 Fri 09:00–10:30	TIVA for Non–operation room anesthesia (NORA) Moderator: Sang–Kyi Lee (Chonbuk Univ) Soon Im Kim (Soonchunhyang Univ)	Geumkang (Korean)
AP PED PM		General anesthesia for carotid endarterectomy, TIVA vs. volatile agents Sanghee Park (Chonnam Univ) Anesthesia for cerebral aneurysm interventional clipping Hye Won Shin (Korea Univ) MAC for radiologic imaging in pediatric patients Min-Soo Kim (Yonsei Univ) Q&A	
[S]	Nov 3 Fri 11:00–12:30	Critical care Moderator: Dong–Chan Kim (Chonbuk Univ) Jong Hun Jun (Hanyang Univ)	Geumkang (Korean)
CC SO		Sepsis, new definition Hyung-mook Lee (Catholic Univ) Pathophysiology of sepsis–associated organ dysfunction Ho-Geol Ryu (Seoul Univ) Fluid Management in Sepsis: Fluid vs Vasopressor Sungwon Na (Yonsei Univ) Q&A	

– Nov 3 (Fri) Luncheon Session

Nov 3 Fri 12:30–13:30	MSD Luncheon Symposium Moderator: Yong Sup Shin (Chungnam Univ)	Grand Ballroom B (English & Korean)
	Update in challenges & outcomes after reversal of neuromuscular block Lars Eriksson (Sweden)	
Nov 3 Fri 12:30–13:30	Pfizer Luncheon Symposium Moderator: Il-Ok Lee (Korea Univ)	Grand Ballroom A (Korean)
	Medication errors in the OR and ICU Ho-Geol Ryu (Seoul Univ)	
Nov 3 Fri 12:30–13:30	Masimo Luncheon Symposium Moderator: Jae Young Kwon (Pusan Univ)	Crystal Ballroom (English & Korean)
	Non-invasive Hb monitoring in trauma and high blood loss surgical cases Jill Antoine (USA)	
Nov 3 Fri 12:30–13:30	Luncheon Symposium Moderator: Cheung Soo Shin (Yonsei Univ)	Geumkang (Korean)
	Postoperative delirium: making sense of all the confusion Theresa Hartsell (USA)	

– Nov 3 (Fri) Afternoon Session

[S]	Nov 3 Fri 13:30–15:00	Transplantation anesthesia Moderator: Sang Kim (USA) Tetsuro Sakai (USA)	Grand Ballroom B (English & Korean)
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CC PM TX

Perioperative management of liver transplantation: Blood conservation strategy based on regulation of coagulation function
Zhongxing Wang (China)
Pediatric Living Donor Liver Transplantation in China: Anesthesia management and outcomes
Liqun Yang (China)
Safe anesthesia for kidney transplantation
Siriwan Jirasiritham (Thailand)
Q&A

[S]	Nov 3 Fri 15:30–17:30	Neuroanesthesia Moderator: Hae-Kyu Kim (Pusan Univ) Ju-Tae Sohn (Gyeongsang Univ)	Grand Ballroom B (English & Korean)
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AP NA SO

Long-term brain dysfunction after anesthesia & surgery
Lars Eriksson (Sweden)
Future of neuroanesthesia
Adrian Gelb (USA)
Intraoperative neurophysiological monitoring
Lanjun Guo (USA)
Q&A

[S]	Nov 3 Fri 13:30–15:00	Thoracic anesthesia Moderator: Jae-Hyon Bahk (Seoul Univ) Mikyung Yang (Sungkyunkwan Univ)	Grand Ballroom A (Korean)
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AW TA PM

Hard to achieve lung separation in thoracic surgery
Jae-Hyon Bahk (Seoul Univ)
Non-intubated video-assisted thoracoscopic surgery
Won-jung Hwang (Catholic Univ)
Double-lumen tube vs. blockers
Dong-Kyu Lee (Korea Univ)
Q&A

[S]	Nov 3 Fri 15:30–17:30	Patient blood management Moderator: Gaab–Soo Kim (Sungkyunkwan Univ) Sungsik Park (Kyungpook Univ)	Grand Ballroom A (Korean)
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PBM

Filtered, irradiated, and salvaged red cells
Sangbin Han (Sungkyunkwan Univ)

Perioperative transfusion on cancer surgery
Chung-Sik Oh (Konkuk Univ)

Acute normovolemic hemodilution: comeback in recent guidelines
Min A Kwon (Dankook Univ)

Transfusion–related circulatory overload, risk and prevention
Jong Hae Kim (Daegu Catholic Univ)

Q&A

[S]	Nov 3 Fri 13:30–15:00	Perioperative echocardiography & ultrasound Moderator: Tae–Yop Kim (Konkuk Univ) Yong Chow Yen (Malaysia)	Crystal Ballroom (English & Korean)
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CA CC TX

TEE for non–cardiac surgery
Gyu-Sam Hwang (Ulsan Univ)

3D TEE: technical innovation or just pretty pictures?
Stanton Shernan (USA)

[PD] Past & future of intraoperative TEE application

[S]	Nov 3 Fri 15:30–17:30	Cardiovascular anesthesia Moderator: Sih Kim (Kyungpook Univ) Yee Eot Chee (Hong Kong)	Crystal Ballroom (English & Korean)
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CA PBM CC TX

Goal–directed management of bleeding
Donat Spahn (Switzerland)

Intra–operative ventilation strategies to prevent post–operative pulmonary complications during cardiac surgery
Theresa Hartsell (USA)

Intraoperative assessment of valvular disease: does 3D–TEE provide greater value compared to 2D–TEE?
Stanton Shernan (USA)

Q&A

[S]	Nov 3 Fri 13:30–15:00	Enhanced recovery after surgery (ERAS) Moderator: Sang-Hwan Do (Seoul Univ) Hong-Seuk Yang (Ulsan Univ)	Hankang (Korean)
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AP AMB SO

Is enhanced recovery after anesthesia (ERAA) a synonym to ERAS?
Hye-min Sohn (Seoul Univ)

ERAS & Anesthesiologist: Time to change practice?
Sang Hyun Hong (Catholic Univ)

Reduced fasting–preoperative carbohydrate drink
Il-soon Son (Konkuk Univ)

Q&A

[S]	Nov 3 Fri 15:30–17:30	Pain–Representative neuropathic pain condition Moderator: Dae Hyun Jo (Catholic Univ) Woo-seog Sim (Sungkyunkwan Univ)	Hankang (Korean)
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P GA

Complex regional pain syndrome (update in diagnosis and treatment)
Doo Sik Kim (Kosin Univ)

Trigeminal neuralgia
Hue Jung Park (Catholic Univ)

Herpes zoster and PHN
Jinseok Yeo (Kyungpook Univ)

Interventional management of cancer pain
Dae-Hyun Kim (National Cancer Center)

Q&A

	Nov 3 Fri 13:30–15:00	Poster competition	Geumkang (Korean)
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[S]	Nov 3 Fri 15:30–17:30	Neuromuscular block Moderator: Jin Young Chon (Catholic Univ) Sangseok Lee (Inje Univ)	Geumkang (Korean)
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AP NMB

Fundamental physiology of NM transmission and blockade
Jeong-Hwa Seo (Seoul Univ)

NM Monitoring: The future of the past
Wonjin Lee (Inje Univ)

Sugammadex: The double-edged sword
Woon-Seok Kang (Konkuk Univ)

[PD] Are you sure your patient has no residual NM blockade?
Panels: Hong-Seuk Yang (Ulsan Univ), Kyo Sang Kim (Hanyang Univ)

– Nov 4 (Sat) Morning Session

[S]	Nov 4 Sat 09:00–10:30	Anesthesia simulation & education Moderator: Cheung Soo Shin (Yonsei Univ) Dong–Won Kim (Hanyang Univ)	Grand Ballroom B (English & Korean)
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SmEd	Anesthesiology and disaster preparedness Jill Antoine (USA) A novel way to teach novice anesthesiologist with high–fidelity simulation Hyo-Jin Byon (Yonsei Univ) Introducing residents to liver transplantation anesthesia using simulation training Tetsuro Sakai (USA) [PD] Application of simulation in anesthesia training and practice
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[S]	Nov 4 Sat 10:50–12:30	New paradigm in airway management Moderator: Stephen Luney (UK) Hyun Joo Kim (Yonsei Univ)	Grand Ballroom B (English & Korean)
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AW CC PM	Challenging the boundaries of airway management Stephen Luney (UK) Airway management in UK Anil Patel (UK) Difficult airway management in spine deformity Jun-Young Chung (Kyunghee Univ) Transtracheal or transglottal jet ventilation Wyun Kon Park (Yonsei Univ) Difficult airway management in one lung ventilation Jeong-Hwa Seo (Seoul Univ) Difficult airway management in ENT surgery Wook Jong Kim (Ulsan Univ) [PD] New paradigm in airway management [Panel] Wook Jong Kim (Ulsan Univ) Wyun Kon Park (Yonsei Univ) Jeong-Hwa Seo (Seoul Univ) Hyun-Ju Ahn (Sungkyunkwan Univ) Jun-Young Chung (Kyunghee Univ)
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[S]	Nov 4 Sat 09:00–10:30	Perioperative hypotension Moderator: Jong Seok Lee (Yonsei Univ) Yoon-Hee Kim (Chungnam Univ)	Grand Ballroom A (Korean)
AP CA SO		Preoperative beta-blocker & ACE inhibitors–updates in guidelines Joungmin Kim (Chonnam Univ) Perioperative stress–induced cardiomyopathy Jeong Hyun Choi (Kyunghee Univ) Vasopressin in anesthesia practice Kyung Yeon Yoo (Chonnam Univ) Q&A	
[S]	Nov 4 Sat 10:50–12:30	Medical engineering & Information Moderator: Gyu Jeong Noh (Ulsan Univ) Seongwook Jeong (Chonnam Univ)	Grand Ballroom A (Korean)
AP Tech SO		Bio–signal analysis in anesthesia field Gyu-Sam Hwang (Ulsan Univ) Clinical application of artificial intelligence Boreom Lee (Gwangju Institute of Science and Technology) Big–data & machine learning Synho Do (USA) Q&A	
[S]	Nov 4 Sat 09:00–10:10	Enhanced recovery after surgery Moderator: Sang Tae Kim (Chungbuk Univ) Sook Young Lee (Ajou Univ)	Crystal Ballroom (English & Korean)
AP PA		PONV–current guidelines & applications Seokyung Shin (Yonsei Univ) Practice and reserch on 5-HT3 antagonist Junghee Ryu (Seoul Univ) How we can reduce opioid–inuduced NV in PCA application? Bon-Wook Koo (Seoul Univ) Q&A	
[S]	Nov 4 Sat 10:30–12:30	Cardiovascular anesthesia Moderator: Kenich Tanaka (USA) Eunho Lee (Ulsan Univ)	Crystal Ballroom (English & Korean)
AP CA CC SO TX		Ultrafiltration and CPB: what anesthesiologist needs to know Yong Chow Yen (Malaysia) Perioperative managements of anti–coagulant Donat Spahn (Switzerland) Perioperative fluid management, what fluid? Robert Hahn (Sweden) [PD] What has been ignored in fluid and coagulation management for cardiac surgery	

[S]	Nov 4 Sat 09:00–10:30	Anesthesia quality & outcome Moderator: Jaemin Lee (Catholic Univ) Doo Sik Kim (Kosin Univ)	Hankang (Korean)
PA CC		Precision medicine in anesthesia and analgesia Kye-Min Kim (Inje Univ) Intraoperative targets to improve patient outcome Jin-Tae Kim (Seoul Univ) Quality of post-anesthesia care Yong-Hee Park (Chung-ang Univ) Role of anesthesiologist in hospice Young Jae Kim (Inje Univ) Q&A	
[S]	Nov 4 Sat 10:50–12:30	US-guided procedure in pain practice Moderator: Kyung-Hoon Kim (Pusan Univ) Sang Gon Lee (Daegu Fatima Hospital)	Hankang (Korean)
PM RA		US for head & neck lesion-OCNB, root block, SGB, cervical plexus, MBB, facet block Gyeong-Jo Byeon (Pusan Univ) US for shoulder and wrist Hwa Yong Shin (Chung-ang Univ) US for lumbo-sacral lesion Younghoon Jeon (Kyungpook Univ) Q&A	
	Nov 4 Sat 09:00–10:30	Poster Session – Selected Poster Competition (Challenging case)	Geumkang (Korean)
	Nov 4 Sat 10:30–12:30	Poster Session – Selected Poster Competition (Residents)	Geumkang (Korean)
[S]	Nov 4 Sat 09:00–10:20	Medical legislation committee Moderator: Choon-kyu Cho (Konyang Univ)	Dongkang B
		Diagnosis of CRPS and legal problems associated with CRPS in Korea Younghoon Jeon (Kyungpook Univ) The effects of medical law about duty of informed consent and legal problems associated with anesthesia informed consent in current medical practice Jin Seok Cho (Seseung LLC)	

– Nov 4 (Sat) Luncheon Session

Nov 4 Sat 12:30–13:30	Masimo Luncheon Symposium Moderator: Sungsik Park (Kyungpook Univ)	Grand Ballroom B (English & Korean)
	Safer anesthesia management: real-time brain function monitoring Adrian Gelb (USA)	
Nov 4 Sat 12:30–13:30	Edwards Luncheon Symposium Moderator: Sang-Hyun Kwak (Chonnam Univ)	Grand Ballroom A (Korean)
	Defending pressure and flow: when, why, and how Laurence Weinberg (Australia)	
Nov 4 Sat 12:30–13:30	Medtronic Luncheon Symposium Moderator: Seung-Ho Choi (Yonsei Univ)	Crystal Ballroom (English & Korean)
	Monitoring by cerebral oximetry – does it have an impact on outcome in non-cardiac surgery patients Serge Thal (Germany)	

– Nov 4 (Sat) Afternoon Session

[S]	Nov 4 Sat 13:30–15:30	Intraoperative patient monitoring Moderator: Choon Hak Lim (Korea Univ) Young-Cheol Woo (Chung-ang Univ)	Grand Ballroom B (English & Korean)
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AP AMA CC GA

Monitoring cerebral oximetry in patients at risk for cerebral ischemia:
Benefits, pitfalls and limitations
Serge Thal (Germany)

Hypothermia ! Why the fuss
Raveenthiran Rasiah (Malaysia)

Is dynamic index for fluid-responsiveness reliable during one-lung
ventilation?
Hyun-Ju Ahn (Sungkyunkwan Univ)

Non-invasive hemoglobin monitor and oxygen reserve index
Jeong-Hwa Seo (Seoul Univ)

Q&A

[S]	Nov 4 Sat 16:00–17:30	Obstetric anesthesia Moderator: Duck Hwan Choi (Sungkyunkwan Univ) Dong Yeon Kim (Ehwa Womans Univ)	Grand Ballroom B (English & Korean)
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OB SO

Tocolytics and uterotonics in obstetric anesthesia
Hyo-seok Na (Seoul Univ)

Post-dural puncture headache
Kyung-Hwa Kwak (Kyungpook Univ)

Epidural wet-tap
Susilo Chandra (Indonesia)

Spinal vs. combined spinal-epidural anesthesia for C-section in severe
eclampsia
Nguyen Duc Lam (Vietnam)

Q&A

[S]	Nov 4 Sat 13:30–15:00	Geriatric anesthesia Moderator: Ki-Young Lee (Yonsei Univ) Jae Hwan Kim (Korea Univ)	Grand Ballroom A (Korean)
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CC GA PM

Managing patients with diastolic dysfunction
Seong-Yong Park (Ajou Univ)

Age-related diastolic dysfunction
Seokyoung Song (Daegu Catholic Univ)

Perioperative AKI: Predictors and Prevention
Ji-Yeon Bang (Ulsan Univ)

Q&A

[S]	Nov 4 Sat 15:30–17:30	NORA MAC Moderator: Jong Cook Park (Jeju Univ) Ji Yeon Kim (Sungkyunkwan Univ)	Grand Ballroom A (Korean)
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AMB CA

MAC/Anesthesia for GI-endoscopic procedure
Geun Joo Choi (Chung-ang Univ)

Anesthesia/MAC for TAVI
Kyoung-woon Joung (Ulsan Univ)

Anesthesia/MAC for radiofrequency cardiac ablation
Sarah Soh (Yonsei Univ)

Practical consideration for MAC-setting
Hong Soo Jung (Catholic Univ)

Q&A

[S]	Nov 4 Sat 13:30–15:30	Patient blood management Moderator: Donat Spahn (Switzerland) Tetsuro Sakai (USA)	Crystal Ballroom (English & Korean)
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AP CA CC GA OB PBM

ROTEM–guided patient blood management: new evidences
Klaus Goerlinger (Germany)

Perioperative antifibrinolytic agents: tranexamic acid
Bon-Nyeo Goo (Yonsei Univ)

West China Liu's Score, Individualized red blood cell transfusion strategy
Ren Liao (China)

Team approach for blood conservation
Kenichi Tanaka (USA)

Q&A

[S]	Nov 4 Sat 16:00–17:30	Transplantation anesthesia Moderator: Dong Gun Lim (Kyungpook Univ) Chul–Woo Jung (Seoul Univ)	Crystal Ballroom (English & Korean)
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TX CA CC PM

Standardized intraoperative TEE assessment for improving liver transplantation
Sang Kim (USA)

Massive pulmonary thromboembolism during liver transplantation
Tetsuro Sakai (USA)

Unexpected intraoperative thrombosis – Is it an UFO?
Kenich Tanaka (USA)

Q&A

[S]	Nov 4 Sat 13:30–15:00	Pediatric anesthesia Moderator: Tae Gyoon Yoon (Konkuk Univ) Hee–Soo Kim (Seoul Univ)	Hankang (Korean)
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PED SO

Fluid & pharmacologic management in pediatric sepsis
Hee Young Kim (Pusan Univ)

Anesthetic implication of BT shunt, BCPS, and fontan operation
Woon-Seok Kang (Konkuk Univ)

Anesthesia for critically ill neonate
Ji-Hyun Lee (Seoul Univ)

10–tips for management of critical events in critically ill children
In-Kyung Song (Ulsan Univ)

Q&A

[S]	Nov 4 Sat 15:30–17:30	Advanced pain procedure Moderator: Yong Chul Kim (Seoul Univ) Younghoon Jeon (Kyungpook Univ)	Hankang (Korean)
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P PM RA

ELAND
Jong Bum Choi (Ajou Univ)

TELA procedure
Pyung-Bok Lee (Seoul Univ)

Percutaneous endoscopic discectomy
Kyung-Hoon Kim (Pusan Univ)

Percutaneous foraminotomy
Sung Eun Sim (Seoul Univ)

Q&A

[S]	Nov 4 Sat 13:30–15:00	Latest issue in perioperative medicine & critical care Moderator: Kook Hyun Lee (Seoul Univ) Young-Joo Lee (Ehwa Womans Univ)	Geumkang (Korean)
		What is rapid response system, why is it necessary? Gee Young Suh (Sungkyunkwan Univ) Multi-organ point-of-care ultrasound (POCUS) for lung, heart, and abdomen at emergency situations Young-Rock Ha (Bundang Jesaeng Hosp) Damage control surgery Jae Gil Lee (Yonsei Univ) Q&A	
[S]	Nov 4 Sat 16:00–16:30	Regional anesthesia Moderator: Won Hyung Lee (Chungnam Univ) Jin-Soo Kim (Ajou Univ)	Geumkang (Korean)
PM RA		Ultrasound-guided femoral and saphenous nerve block for foot and ankle surgery Hyeon Ju Shin (Korea Univ) Popliteal Sciatic Nerve Block and Ankle Block Hyungtae Kim (Presbyterian Medical Center) Q&A	
[S]	Nov 4 Sat 16:30–17:30	Resident Quiz Contest Moderator: Jin Hee Kim (Seoul Univ)	Geumkang (Korean)
[S]	Nov 4 Sat 13:30 – 15:00	KJA session– Easy ways to improve the quality of your manuscript Moderator: Young Lan Kwak (Yonsei Univ)	Dongkang A
		Randomization Method Jeehyoung Kim (Seoul Sacred Heart General Hospital) Practical tips for improving article quality Sangbin Han (Sungkyunkwan Univ)	

■ Program Details – Workshops ■

– Nov 2 (Thu) Morning Session

[W]	Nov 2 Thu 09:00–12:30	Workshop–Thoracic anesthesia Moderator: Young–Jun Oh (Yonsei University)	Dongkang A
		Hands–on station 1: Double–lumen tube (Lt & Rt DLT, re–direction of DLT, DLT exchanger, Fiberoptic bronchoscopy & jet ventilation) Hands–on station 2: Blockers (Arndt blocker, Coopdec blocker, Ez blocker, lung–separation in pediatric patients) Jeong–Hwa Seo (Seoul Univ) Hyun Joo Ahn (Sungkyunkwan Univ) Jin Sun Cho (Yonsei Univ) Nam Oh Kim (Yonsei Univ) Wook Jong Kim (Ulsan Univ) Burn Young Heo (Sungkyunkwan Univ) Bo Ra Lee (Yonsei Univ)	
[W]	Nov 2 Thu 09:00–12:30	Workshop–Echo TTE basic Moderator: Tae–Yop Kim (Konkuk University)	Dongkang B
		Introduction of basic TTE: Hyun Suk Yang (Konku Univ) Part 1 Hands–on 1: 2D imaging for cardiac anatomy Hands–on 2: LV systolic function (2D & M–mode) Part 2 Hands–on 1: Doppler mitral inflow, PV flow, dP/dt Hands–on 2: Tissue Doppler–mitral annulus, TR velocity & estimating RVSP Yong Seon Choi (Yonsei Univ) Young Thul Yoo (Yonsei Univ) Hyun Suk Yang (Konkuk Univ) Ji–Hyon Lee (Seoul Univ) Songraphers: Chan Suk Lee, Jin Sook Song, Suzanne Jo, Minjung Kang	

– Nov 2 (Thu) Afternoon Session

[W]	Nov 2 Thu 13:30–17:30	Workshop–Airway Management & Vascular Access Moderator: Stephan Luney, UK	Dongkang A
<p>Introduction –Airway Introduction –Vascular access Hands–on stations 1 Supraglottic airway, videolaryngoscope (direct laryngoscope) Hands–on stations 2 Fiberoptic bronchoscope Hands–on stations 3 Cricothyrotomy Hands–on stations 4 Vascular access Hands–on stations 5 Simulation–difficult airway management (30 min each, 10 min break), Q & A: 20 min Wrap–up 10 min Jeong-Hwa Seo (Seoul Univ), Susie Yoon (Seoul Univ), Jun-Young Chung (Kyunghee Univ), Eun-jin Moon (Kyunghee Univ), Sang Hyun Lee (Sungkyunkwan Univ), Mihye Park (Sungkyunkwan Univ), Won Ho Kim (Seoul Univ), Min Hur (Seoul Univ), Hyun Joo Kim (Yonsei Univ)</p>			
[W]	Nov 2 Thu 13:30–17:30	Workshop–Echo advanced Moderator: Stanton Shernan (USA) Sunghee Shin (Inha Univ)	Dongkang B
<p>Introduction Hands–on 1 Strain & SR Hands–on 2: 3D cropping & analysis for mitral valve Hands–on 3: 3D cropping & analysis for aortic valve Hands–on 4: Volume study Sunghee Shin (Inha Univ) Injeong Cho (Yonsei Univ) Kyoung-Hee Kim (Sejong Hospital) Ju-Hee Lee (Chungbuk Univ)</p>			
[W]	Nov 2 Thu 13:30–17:30	As a part of Workshop 3 Hands–on stations 5: Simulation–difficult airway management Hyun Joo Kim (Yonsei Univ) Jill Antoine (USA)	Dongkang C

– Nov 3 (Fri) Morning Session

[W]	Nov 3 Fri 09:00–12:30	Workshop–Basic TEE for anesthesiologists Moderator: TBD	Dongkang B
Tutorials Introduction to Basic TEE TEE Examination Anatomy of the Heart and Coronary Arteries Anatomy of the Heart Valves Basic Haemodynamic State Assessment iHeartScan Views, Valves and Pericardium Artefact Generation			
[W]	Nov 3 Fri 09:00–12:30	High–fidelity simulation workshop Moderator: Jin–Tae Kim (Seoul Univ)	Dongkang C
Station 1–Intra–operative crisis management 1 Chul-Ho Chang (Yonsei Univ) Hee-jeong Son (Kangwon Univ)			
[W]	Nov 3 Fri 09:00–12:30		Dongkang D
Station 2– Intra–operative crisis management 2 Hyo-Jin Byon (Yonsei Univ) Jin Ha Park (Yonsei Univ)			

– Nov 3 (Fri) Afternoon Session

[W]	Nov 3 Fri 13:30–17:30	Workshop—Perioperative point-of-care ultrasound Moderator: Stephen Haskins (USA)	Dongkang B
<p>Lecture: Focused Cardiac Ultrasound (FoCUS) for the Anesthesiologist (Stephen Haskins, USA)</p> <p>Hands-on station 1: Lung Station</p> <p>Hands-on station 2: Airway Station,</p> <p>Hands-on station 3: Parasternal Long Axis/Short Axis,</p> <p>Hands-on 4: Apical 4 Chamber,</p> <p>Hands-on 5: Subcostal 4-Chamber and IVC</p> <p>Stephen Haskins (USA)</p> <p>Hyo Jin Kim (Inje Univ)</p> <p>Yong Seon Choi (Yonsei Univ)</p> <p>Jae Hyung Kim (Ajou Univ)</p> <p>Sung Won Na (Yonsei Univ)</p>			
[W]	Nov 3 Fri 13:30–17:30	ROTEM Wet-Lab simulation workshop Moderator: Klaus Gorlinger (Germany) Kenich Tanaka (USA)	Dongkang C

Wet-Lab ROTEM simulation in clinical scenarios & real blood samples

ROTEM sigma

Case 1 in cardiac surgery

Case 2 in Trauma & post-partum hemorrhage

ROTEM delta & platelet mapping

Case 3 in cardiac surgery

Case 4 in trauma & post-partum hemorrhage

In each 30 min case:

1. Short case introduction
2. Baseline ROTEM analysis
3. ROTEM interpretation & therapeutic intervention
4. Therapeutic intervention
5. Second ROTEM analysis

- Nov 4 (Sat) Morning Session

[W]	Nov 4 Sat 09:00–12:30	Workshop—US—guided nerve block Moderator: Jin Soo Kim (Ajou Univ)	Dongkang A
		Hands-on stations 1 US guided anesthesia and analgesia for upper extremity Hands-on stations 2 US-guided anesthesia and analgesia for lower extremity Hands-on stations 3 US guided anesthesia and analgesia for thoracic and abdomen surgery. Hyeon Ju Shin (Korea Univ) Jong Hae Kim (Daegu Catholic Univ) Hyungtae Kim (Presbyterian Medical Center) Seunguk Bang (Catholic Univ) Wonuk Koh (Ulsan Univ) Young Duck Shin (Chungbuk Univ)	
[W]	Nov 4 Sat 09:00–12:30	ROTEM Wet—Lab simulation workshop Moderator: Klaus Gorlinger (Germany) Kenich Tanaka (USA)	Dongkang C
		Wet-Lab ROTEM simulation in clinical scenarios & real blood samples ROTEM sigma Case 1 in cardiac surgery Case 2 in Trauma & post-partum hemorrhage ROTEM delta & platelet mapping Case 3 in cardiac surgery Case 4 in trauma & post-partum hemorrhage In each 30 min case: 1. Short case introduction 2. Baseline ROTEM analysis 3. ROTEM interpretation & therapeutic intervention 4. Therapeutic intervention 5. Second ROTEM analysis	
[W]	Nov 4 Sat 09:00–12:30	Workshop—Intraoperative neurophysiological monitoring Moderator: Lanjun Guo (USA)	Dongkang D
		Introduction of neurophysiologic monitoring Hands-on sessions Station 1: application of EEG Station 2: application of EMG Station 3: application of ABR Station 4: applicatin of SEP	

■ Program Details – Special Sessions ■

■ November 4 (Saturday) 2017

[S]	Nov 4 Sat 13:30–15:00	KJA session– Easy ways to improve the quality of your manuscript Moderator: Young Lan Kwak (Yonsei Univ) Randomization Method Jeehyoung Kim (Seoul Sacred Heart General Hospital) Practical tips for improving article quality Sangbin Han (Sungkyunkwan Univ)	Dongkang A
[RC]	Nov 4 Sat 09:00–10:20	Medical legislation committee Moderator: Choon–kyu Cho (Konyang Univ) Diagnosis of CRPS and legal problems associated with CRPS in Korea Younghoon Jeon (Kyungpook Univ) The effects of medical law about duty of informed consent and legal problems associated with anesthesia informed consent in current medical practice Jin Seok Cho (Seseung LLC) Q & A	Dongkang B