



대한마취통증의학회
The Korean Society of Anesthesiologists

Program Details

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Program Details

DAY 1 | Thursday, November 8 | 09:00 - 10:30

Program Details

Day 1

Session	
Room 1 09:00 - 10:30	Update & issue (English-Korean)
	Moderators Ki-Young Lee (Yonsei University, Korea) Laurence Weinberg (University of Melbourne, Australia)
	The future of anesthesia is intravenous Michael Irwin (University of Hong Kong, Hong Kong)
	Multi-disciplinary approach to decision making in cancer surgery Timothy Wigmore (Royal Marsden Hospital, UK)
	Cancer therapies: implications for the anesthesiologist Vijaya Gottumukkala (University of Texas, USA)
	Q & A
Room 2 09:00 - 10:30	Refresher course (English-Korean)
	Moderators Younsuk Lee (Dongguk University, Korea) Stephen Luney (Teleflex Inc, UK)
	Indirect (video) vs. direct laryngoscopy Barry McGuire (Ninewells Hospital, UK)
	Difficult airway management: the current method is not ideal Takashi Asai (Dokkyo Medical University, Japan)
	Problems in anesthesia for goiter surgery Patrick Wong (Singapore General Hospital, Singapore)
	Q & A
Room 3 09:00 - 10:30	Refresher course (Korean)
	Moderators Hyun Kyoung Lim (Inha University, Korea) Seunghoon Baek (Pusan National University, Korea)
	Perioperative cardiopulmonary function Seung Zhoo Yoon (Korea University, Korea)
	Perioperative β -blockers & ACE inhibitors or ARBs Chung-Sik Oh (Konkuk University, Korea)
	Perioperative NOACs and neuraxial anesthesia Sun Young Park (Soonchunhyang University, Korea)
	Cardiac-preload vs. fluid-responsiveness? DaeKee Choi (University of Ulsan, Korea)
	Q & A

Program Details

Session	
Room 4 09:00 - 10:30	Refresher course (Korean)
	Moderators Yong Sup Shin (Chungnam National University, Korea) Sungsik Park (Kyungpook National University, Korea)
	Postoperative pain control in pediatric patients Eun-Hee Kim (Seoul National University, Korea)
	Intraoperative ventilation for pediatric patients Jeong-Rim Lee (Yonsei University, Korea)
	MAC for radiologic imaging in pediatric patients Min Soo Kim (Yonsei University, Korea)
	10-tips for management of critical events in children Inkyung Song (University of Ulsan, Korea)
Room 5 09:00 - 12:30	Q & A
	Workshop 2 TTE (Basic)
Room 6 09:00 - 12:30	Instructors Tae-Yop Kim (Konkuk University, Korea) Hyun Suk Yang (Konkuk University, Korea) Yong Seon Choi (Yonsei University, Korea) Young Chul Yoo (Yonsei University, Korea) Ji-Hyun Lee (Seoul National University, Korea) Min Suk Chae (The Catholic University of Korea, Korea) Keisuke Nakazawa (Tokyo Women's Medical University, Japan)
	Workshop 1 Thoracic anesthesia
Room 7 09:00 - 12:30	Instructors Young Jun Oh (Yonsei University, Korea) Stefan Mönk (CAE Healthcare, Germany) Jeong-Hwa Seo (Seoul National University, Korea) Hyun Joo Ahn (Sungkyunkwan University, Korea) Jin Sun Cho (Yonsei University, Korea) Namo Kim (Yonsei University, Korea) Wook-Jong Kim (University of Ulsan, Korea) Burn Young Heo (Sungkyunkwan University, Korea) BoRa Lee (Yonsei University, Korea) Dong-Kyu Lee (Korea University, Korea) Wonjung Hwang (The Catholic University of Korea, Korea)
	Board exam question development & assessment workshop (KSA internal)
Room 8+9 09:00 - 12:30	Moderator Ho Geol Ryu (Seoul National University, Korea)
	Workshop 7 Simulation instructor course (Korean) KSA-internal
	Instructors Chul Ho Chang (Yonsei University, Korea) Hyun Joo Kim (Yonsei University, Korea) Choon Hak Lim (Korea University, Korea) Jin-Tae Kim (Seoul National University, Korea) Hyeon Jeong Lee (Pusan National University, Korea)

Program Details

DAY 1 | Thursday, November 8 | 11:00 - 12:30

Program Details

Day 1

Session	
Room 1 11:00 - 12:30	Update & issue (English-Korean)
	Moderators Justin Sangwook Ko (Sungkyunkwan University, Korea) John Abenstein (Mayo Clinic College, USA)
	Liberal vs. restrictive red cell transfusion for cardiac surgery David Mazer (University of Toronto, Canada)
	ROTEM for DOACs & platelet function Klaus Görlinger (University Hospital Essen, Germany)
	Prophylaxis of venous thrombosis Sibylle Kietzbl (Evangelical Hospital, Austria)
	Q&A
Room 2 11:00 - 12:30	Refresher course (English-Korean)
	Moderators Kyung-Yeon Yoo (Chonnam National University, Korea) André Denault (Montreal Heart Institute, Canada)
	The effect of vasopressors and inotropes on mortality: what is the best in cardiac surgery Giovanni Landoni (Vita-Salute San Raffaele University, Italy)
	Perioperative management of patients with RV failure & PA hypertension Nikolaos Skubas (Cleveland Clinic, USA)
	Fast track in cardiac anesthesia Jörg Ender (University of Leipzig, Germany)
	Q&A
Room 3 11:00 - 12:30	Refresher course (Korean)
	Moderators In-Cheol Choi (University of Ulsan, Korea) Yoon Hee Kim (Chungnam National University, Korea)
	Hemodynamic management during CPB Sang Beom Nam (Yonsei University, Korea)
	Ventilation for COPD Heeseung Lee (Ewha Womans University, Korea)
	Anesthesia-induced hypotension Jong-Hwan Lee (Sungkyunkwan University, Korea)
	Management for geriatric patients with diastolic dysfunction Seokyoung Song (Daegu Catholic University, Korea)
	Q&A

Program Details

Session	
Room 4 11:00 - 12:30	Refresher course (Korean)
	Moderators Bong Jae Lee (<i>Kyung Hee University, Korea</i>) Won-hyung Lee (<i>Chungnam National University, Korea</i>)
	Multimodal analgesia for postoperative pain: theory & practice Jinseok Yeo (<i>Kyungpook National University, Korea</i>)
	Ultrasound-guided regional blocks for postoperative pain management Gyeong-Jo Byeon (<i>Pusan National University, Korea</i>)
	Ultrasound & fluoroscopic radiation safety for anesthesiologist & pain physician & potential adverse effect of ultrasound Jae Hun Kim (<i>Konkuk University, Korea</i>)
	Diagnosis of spinal pain Yusom Shin (<i>Kosin University, Korea</i>)
	Q&A

Program Details

DAY 1 | Thursday, November 8 | 12:30 - 13:30

Program Details

Day 1

Session	
Room 1 12:30 - 13:30	Masimo Luncheon (English-Korean)
	Moderator Sangkee Min (<i>Ajou University, Korea</i>)
	Extracting more from processed EEG, DSA & SEF Adrian Gelb (<i>University of California, USA</i>)
	Q&A
Room 2 12:30 - 13:30	KSA Luncheon 1 (English-Korean)
	Moderator Jae-Hyon Bahk (<i>Seoul National University, Korea</i>)
	Update on anesthesia lung transplantation Peter Slinger (<i>Toronto General Hospital, Canada</i>)
	Q&A
Room 3 12:30 - 13:30	KSA Luncheon 2 (Korean)
	Moderator Jae Hwan Kim (<i>Korea University, Korea</i>)
	Lung protective strategy in ARDS Je Hyeong Kim (<i>Korea University, Korea</i>)
	Q&A

Program Details

DAY 1 | Thursday, November 8 | 13:30 - 15:30

Program Details

Day 1

Session	
Room 1 13:30 - 15:00	Update & issue (English-Korean)
	Moderators Sook Young Lee (<i>Ajou University, Korea</i>) Gyu-Sam Hwang (<i>University of Ulsan, Korea</i>)
	Early extubation in liver transplantation Susan Mandell (<i>University of Colorado, USA</i>)
	Ultrasound based intervention in the OR & ICU André Denault (<i>Montreal Heart Institute, Canada</i>)
	Training & board certification of perioperative TEE in Japan Minoru Nomura (<i>Tokyo Women's Medical University, Japan</i>)
	Q&A
Room 2 13:30 - 15:30	Refresher course (English-Korean)
	Moderators Jaemin Lee (<i>The Catholic University of Korea, Korea</i>) Kuen-Bao Chen (<i>China Medical University, Taiwan</i>)
	Major problems in geriatric anesthesia Hideaki Tsuchida (<i>Kanazawa Medical University, Japan</i>)
	Rescue use of ECMO in perioperative setting Chow Yen Yong (<i>Hospital Pulau Pinang, Malaysia</i>)
	Updates on core temperature monitoring & prewarming Anselm Bräuer (<i>University Hospital Göttingen, Germany</i>)
	Perioperative respiratory depression: lessons learned from the past & looking into a bright future Albert Dahan (<i>Leiden University Medical Center, Netherland</i>)
	Q&A
Room 3 13:30 - 15:30	Refresher course (Korean)
	Moderators Jong Cook Park (<i>Jeju National University, Korea</i>) Yunseok Jeon (<i>Seoul National University, Korea</i>)
	Triggers for RBC transfusion Sang-Hyun Kim (<i>Soonchunhyang University, Korea</i>)
	Point-of-care viscoelastic test Won-Kyoung Kwon (<i>Konkuk University, Korea</i>)
	Why filtered, irradiated & washed red blood cell Duck Cho (<i>Sungkyunkwan University, Korea</i>)
	Intraoperative acute normovolemic hemodilution Min A Kwon (<i>Dankook University, Korea</i>)
	Q&A

Program Details

DAY 1 | Thursday, November 8 | 13:30 - 15:30

Program Details

Day 1

Session	
Room 4 13:30 - 17:30	Education for anesthesiology teaching faculty (KSA internal) (Korean)
	Moderator Dong-Won Kim (Hanyang University, Korea)
	Instructors Kyung-hyun Do (University of Ulsan, Korea) Mi Ae Jeong (Hanyang University, Korea) Seongtae Jeong (Chonnam National University, Korea) Won Joo Choe (Inje University, Korea)
Room 6 13:30 - 17:40	Workshop 3 Difficult airway management
	Instructors Hyun Joo Kim (Yonsei University, Korea) Dong-Kyu Lee (Korea University, Korea) Chul Ho Chang (Yonsei University, Korea) Sang Hyun Lee (Sungkyunkwan University, Korea) Young Ju Won (Korea University, Korea) Jeong-Hwa Seo (Seoul National University, Korea) Stefan Mönk (CAE Healthcare, Germany) Stephen Luney (Teleflex Inc, UK) Susie Yoon (Seoul National University, Korea) Barry McGuire (Ninewells Hospital, UK) Takashi Asai (Dokkyo Medical University, Japan) Patrick Wong (Singapore General Hospital, Singapore)
Room 7 13:30 - 17:40	Workshop 4 Echo-advanced (laptop-based: GE)
	Instructors Nikolaos Skubas (Cleveland Clinic, USA) Christopher Troianos (Cleveland Clinic, USA) Saket Singh (Temple University, USA) Kyoungwoon Joun (University of Ulsan, Korea)
Room 8 13:30 - 15:30	Workshop 11 Transfusion workshop
	Instructors Aryeh Shander (Englewood Hospital and Medical Center, USA)
Room 9 13:30 - 17:40	Workshop 10 TEE workshop (simulator-based)
	Instructors Yee Eot Chee (University of Hong Kong, Hong Kong) Jörg Ender (University of Leipzig, Germany) Hyun Suk Yang (Konkuk University, Korea) Ji-hyun Chin (University of Ulsan, Korea)

Program Details

DAY 1 | Thursday, November 8 | 15:40 - 17:40

Session	
Room 1 15:00 - 18:00	KSA board meeting (KSA internal)
Room 2 15:40 - 17:40	Refresher course (Korean)
	Moderators Hye-Won Shin (Korea University, Korea) Young Tae Jeon (Seoul National University, Korea)
	Important cases of medical dispute that anesthesia residents should know Duk kyung Kim (Sungkyunkwan University, Korea)
	Perioperative oral carbohydrate loading in ERAS Ilsoon Son (Konkuk University, Korea)
	Tocolytics & uterotonics in obstetric anesthesia Hyo-seok Na (Seoul National University, Korea)
	Core/near-core temperature Tae-Yun Sung (Konyang University, Korea)
	NM monitoring basics & updates Ju-Deok Kim (Kosin University, Korea)
	Q&A
Room 3 15:40 - 17:40	Refresher course (Korean)
	Moderators Dong Woo Han (Yonsei University, Korea) Seongwook Jeong (Chonnam National University, Korea)
	Fate of an intravenous drug in the body Chang-Hoon Koo (Cha University, Korea)
	Titration of dosage based on patient characteristics Seongheon Lee (Chonnam National University, Korea)
	Principles of target controlled infusion Hyung-chul Lee (Seoul National University, Korea)
	Fundamental pharmacodynamic principles Byung-moon Choi (University of Ulsan, Korea)
Room 8 15:40 - 17:40	Workshop 13 Goal-directed fluid therapy
	Instructor Laurence Weinberg (University of Melbourne, Australia) DaeKee Choi (University of Ulsan, Korea) Suraphong Lorsomradee (Chiang Mai University, Thailand)

Program Details

DAY 2 | Friday, November 9 | 07:00 - 09:00

Program Details

Day 2

Session	
Room 2 07:00 - 09:00	KMA 필수교육 (KSA internal)
	Moderator Jun Heum Yon (Inje University, Korea)
	Legal dispute related to anesthesia and pain medicine Choon-kyu Cho (Konyang University, Korea)
	Central-venous-catheter-related blood stream infection Jeongwoo Lee (Chonbuk National University, Korea)
Room 3 07:20 - 08:50	Anesthesia pharmacology (Korean)
	Moderators Il-Ok Lee (Korea University, Korea) Gyujeong Noh (University of Ulsan, Korea)
	Disposition function and pharmacokinetic equations of an intravenous drug So Hui Yun (Jeju National University, Korea)
	Covariate search in population analysis Kyung Mi Kim (Hallym University, Korea)
	Calculation of infusion rate using convolution of input and disposition functions Yeon A Kim (Gyeongsang National University, Korea)
	Q&A

Program Details

DAY 2 | Friday, November 9 | 09:00 - 10:30

Program Details

Day 2

Session	
Room 1 09:00 - 10:30	Education, patient safety & outcome (English-Korean)
	Moderators <i>SunJoon Bae (Yonsei University, Korea)</i> <i>Timothy Wigmore (Royal Marsden Hospital, UK)</i>
	Perioperative stroke is more common than you think <i>Adrian Gelb (University of California, USA)</i>
	Does the choice of anaesthetic influence postoperative pain? <i>Michael Irwin (University of Hong Kong, Hong Kong)</i>
	Epidural analgesia in major surgery: still relevant today? <i>Ki Jinn Chin (University of Toronto, Canada)</i>
	Q&A
Room 2 09:00 - 10:30	Cardiothoracic & vascular anesthesia (English-Korean)
	Moderators <i>Sangmin Lee (Sungkyukwan University, Korea)</i> <i>Kathirvel Subramaniam (University of Pittsburgh Medical Center, USA)</i>
	PBM in cardiac anesthesia <i>David Mazer (University of Toronto, Canada)</i>
	Aortic valve stenosis-different subgroup <i>Christopher Troianos (Cleveland Clinic, USA)</i>
	Anesthetic management in TAVR <i>Jörg Ender (University of Leipzig, Germany)</i>
	Q&A
Room 3 09:00 - 10:00	General assembly & grand opening (English-Korean)
	Moderator <i>Jae Hwan Kim (Korea University, Korea)</i>
	Grand opening Remark for the grand opening of the KoreAnesthesia 2018 Introduction of president-elect & chairman-elect Welcoming all invited presidents & VIPs
	Congratulatory remark for KSA-ASA alliance <i>James Grant (ASA president) & Il-Ok Lee (KSA president)</i>
	Keynote Lecture "Patient Safety", its meaning to the ASA <i>Fred Shapiro (Chair of ASA Committee on Patient Safety)</i>
	What the ASA-KSA alliance means? <i>Audrée Bendo (Chair of the ASA committee on international collaboration)</i>

Program Details

DAY 2 | Friday, November 9 | 09:00 - 10:30

Program Details

Day 2

Session	
Room 4 09:00 - 10:30	Obstetric anesthesia (Korean)
	Moderators Dong Yeon Kim (Ewha Womans University, Korea) Sang Tae Kim (Chungbuk National University, Korea)
	Managing C-section for placenta previa - accreta/increta/percreta Kyung Hwa Kwak (Kyungpook National University, Korea)
	Obstetric emergency: hemorrhage & amniotic fluid embolism Ae ryoung Lee (Jeju National University, Korea)
	Physiological changes of pulmonary volumes during pregnancy Tae Dong Kweon (Yonsei University, Korea)
	Q&A
Room 5 09:00 - 10:30	Update & issue (English-Korean)
	Moderators Bong ki Moon (Ajou University, Korea) Ju hwan Lee (Wonkwang University, Korea)
	Initiation of ERAS at an academic center - UPMC Experience Tetsuro Sakai (University of Pittsburgh Medical Center, USA)
	What we have to do for initiating ERAS program in our hospital Sang Hyun Hong (The Catholic University of Korea, Korea)
	Q&A
Room 6 09:00 - 10:40	Abstract presentation (APE-01)
Room 7 09:00 - 10:40	Abstract presentation (APE-02)
Room 8 09:00 - 12:30	Workshop 12 NONMEM (1) (Korean)
	Instructors Gyujeong Noh (University of Ulsan, Korea) Younghun Lee (University of Ulsan, Korea) Kwon Hui Seo (Hallym University, Korea)
Room 9 09:00 - 10:40	Abstract presentation (APE-03)

Program Details

DAY 2 | Friday, November 9 | 11:00 - 12:30

Program Details

Day 2

Session	
Room 1 11:00 - 12:30	Perioperative medicine(English-Korean)
	Moderators Jae Young Kwon (Pusan National University, Korea) Fred Shapiro (Harvard University, USA)
	Perioperative application of point-of-care ultrasound Keisuke Nakazawa (Tokyo Women's Medical University, Japan)
	Essentials for perioperative normothermia Anselm Bräuer (University Hospital Göttingen, Germany)
	Antagonistic agents of NMB agents Ah Young Oh (Seoul National University, Korea)
	Q&A
Room 2 11:00 - 12:30	Regional anesthesia & pain (English-Korean)
	Moderators Young Jin Lim (Seoul National University, Korea) Ban Tsui (Stanford University, USA)
	Continuous peripheral nerve blocks for upper limb: good, bad & ugly Shinichi Sakura (Shimane University, Japan)
	Fascia iliaca compartment block for multimodal analgesia SeungUk Bang (The Catholic University of Korea, Korea)
	The erector spinae plane and other paraspinal blocks Ki Jinn Chin (University of Toronto, Canada)
	Q&A
Room 3 10:30 - 12:30	Patient blood management (English-Korean)
	Moderators Tae-Yop Kim (Konkuk University, Korea) Aryeh Shander (Englewood Hospital and Medical Center, USA)
	Red blood cells: good, bad, ugly, & solutions Jonathan Jahr (University of California, USA)
	Individualized bleeding management Sibylle Kietaibl (Evangelical Hospital, Austria)
	Prothrombin complex concentrate in perioperative bleeding management Klaus Görlinger (University Hospital Essen, Germany)
	Intraoperative blood conservation technique in C-section Jie Zhang (Zhengzhou University, China)
	Q&A

Program Details

DAY 2 | Friday, November 9 | 11:00 - 12:30

Program Details

Day 2

Session	
Room 4 11:00 - 12:30	Information & technology (Korean)
	Moderators Jae Gwan Kim (Gwangju Institute of Science and Technology, Korea) Eun Ho Lee (University of Ulsan, Korea)
	Artificial intelligence in anesthesiology Synho Do (Harvard University, USA)
	Artificial intelligence in bio-signal research Chul-Woo Jung (Seoul National University, Korea)
	Deep learning in healthcare: myths and realitie Ji-Hoon Jeong (Kyung Hee Cyber University, Korea)
	Q&A
Room 5 11:00 - 12:30	Anesthesia pharmacology (English-Korean)
	Moderators Haekyu Kim (Pusan National University, Korea) Michael Irwin (University of Hong Kong, Hong Kong)
	Obesity and anesthetic pharmacology Tae Kyun Kim (Pusan National University, Korea)
	Applications of pharmacodynamic response surface models in clinical anesthesia Mei-Yung Tsou (National Yang-Ming University, Taiwan)
	Changes in brain activation during dexmedetomidine-induced sedation Teo Jeon Shin (Seoul National University, Korea)
	Q&A
Room 6 10:50 - 12:30	Abstract competition (AC-01)
Room 7 10:50 - 12:30	Abstract presentation (APK-01)
Room 9 10:50 - 12:30	Abstract presentation (APK-02)

Program Details

DAY 2 | Friday, November 9 | 12:30 - 13:30

Session	
Room 1 12:30 - 13:30 (12:40 - 13:20)	Edwards Lifesciences Luncheon (English-Korean)
	Moderator Hee Jung Baik (<i>Ewha Womans University, Korea</i>) Defending pressure and flow: when, why, and how? Laurence Weinberg (<i>University of Melbourne, Australia</i>)
	Q&A
Room 2 12:30 - 13:30 (12:40 - 13:20)	MSD Luncheon (English-Korean)
	Moderator Hee-Soo Kim (<i>Seoul National University, Korea</i>) Recent advances in neuromuscular block during anesthesia Albert Dahan (<i>Leiden University Medical Center, Netherland</i>)
	Q&A
Room 3 12:30 - 13:30 (12:40 - 13:20)	CAE Luncheon (English-Korean)
	Moderators Bong Jae Lee (<i>Kyung Hee University, Korea</i>) Sung Uk Choi (<i>Korea University, Korea</i>) Virtual simulation program for residency training: SimStat™ Stefan Mönk (<i>CAE Healthcare, Germany</i>)
	Q&A
Room 4 12:30 - 13:30 (12:40 - 13:20)	KSA Luncheon 3 (English)
	Moderator Bao-li Cheng (<i>First Affiliated Hospital of Zhejiang University, China</i>) What is perioperative surgical home? Tetsuro Sakai (<i>University of Pittsburgh Medical Center, USA</i>)
	Q&A
Sky Kingdom (31F) 12:30 - 13:30 (12:40 - 13:20)	Masimo Luncheon (English)
	Moderator Suraphong Lorsomradee (<i>Chiang Mai University, Thailand</i>) Integrating cerebral & somatic oximetry -17 years of experience André Denault (<i>Montreal Heart Institute, Canada</i>)
	Q&A

Program Details

DAY 2 | Friday, November 9 | 13:30 - 15:30

Program Details

Day 2

Session	
Room 1 13:30 - 15:30	Update & issue (English-Korean)
	Moderators Young Lan Kwak (Yonsei University, Korea) Jörg Ender (University of Leipzig, Germany)
	Ultrasound-guided vascular access Christopher Troianos (Cleveland Clinic, USA)
	Challenges of an aging population in cardiothoracic and vascular anesthesia Christopher Troianos (Cleveland Clinic, USA)
	Myocardial velocities: clinical applications for the perioperative physician Nikolaos Skubas (Cleveland Clinic, USA)
	Is protective ventilation the same in the ICU & OR? Jeongmin Kim (Yonsei University, Korea)
	Q&A
Room 2 13:30 - 15:30	Geriatric anesthesia (English-Korean)
	Moderators Ki-Young Lee (Yonsei University, Korea) Raveenthiran Rasiah (University Hospital of Kuala Lumpur, Malaysia)
	How to handle hip fracture patients with myocardial infarction, pulmonary embolism or stroke Sangseok Lee (Inje University, Korea)
	Postoperative delirium John Abenstein (Mayo Clinic College, USA)
	The elderly patient: avoiding CNS complications and improving brain health Audrée Bendo (SUNY Downstate Medical Center, USA)
	Anemia or transfusion - what is worse for the elderly Yon Hee Shim (Yonsei University, Korea)
	Q&A
Room 3 13:30 - 15:30	Education, patient safety & outcome (English-Korean)
	Moderators Cheung Soo Shin (Yonsei University, Korea) Andrew Klein (Papworth Hospital, UK)
	Patient death: who is to blame? Andrew Klein (Papworth Hospital, UK)
	An opportunity for anesthesiologists that can disrupt health care delivery Saket Singh (Temple University, USA)
	Perioperative surgical home update Jonathan Jahr (University of California, USA)
	Addressing medication harm head on: best medication safety practices Paul Barach (Children's Hospital, Wayne State University School of Medicine, USA)
	Q&A

Program Details

Session	
Room 4 13:30 - 15:30	Pain (Korean)
	Moderators Won-hyung Lee (Chungnam National University, Korea) Younghoon Jeon (Kyungpook National University, Korea)
	Chronic pain in patients with inflammatory myopathy Tae Hwan Chung (Johns Hopkins University, USA)
	Ultrasound & fluoroscopic guided blocks and radiofrequency ablation of spine & major joints Eung-don Kim (The Catholic University of Korea, Korea)
	Ultrasound & fluoroscopic guided blocks for headache Seong-Soo Choi (University of Ulsan, Korea)
	Ultrasound & fluroscopic guided sympathetic block Jee Youn Moon (Seoul National University, Koreaersity)
	Q&A
Room 5 13:30 - 15:30	East-Asia congress of anesthesiologists (I) (English-Korean)
	Moderators Ji-Uk YOON (Pusan National University, Korea) Zhi ping Wang (Wuxi People's Hospital, China) Hiroaki Murata (Nagasaki University, Japan)
	Promotion of hemodilutional autologous transfusion Kazuyoshi Hirota (Hirosaki University, Japan)
	Tranexamic acid in perioperative blood management Eun Jung Kim (Yonsei University, Korea)
	Q&A
	Status of TEE for pediatric cardiac surgery in China Sheng Wang (Guangdong General Hospital, China)
	Enhanced quality in pediatric anesthesia-who is doing the job? Hee-Soo Kim (Seoul National University, Korea)
	Q&A
Room 6 13:30 - 15:40	Abstract competition (AC-02)
Room 7 13:30 - 15:40	Abstract presentation (APK-03)
Room 8 13:30 - 17:20	Workshop 12 NONMEM (2) (Korean)
	Instructors Seongheon Lee (Chonnam National University, Korea) Ki Hwa Lee (Inje University, Korea) Byung-moon Choi (University of Ulsan, Korea)
Room 7 13:30 - 17:20	Workshop 8 ROTEM Wet-Lab simulation
	Instructors Eun Ho Lee (University of Ulsan, Korea) Klaus Görlinger (University Hospital Essen, Germany)

Program Details

DAY 2 | Friday, November 9 | 15:50 - 17:20

Program Details

Day 2

Session	
Room 1 15:50 - 17:40	Transplantation anesthesia (English-Korean) (SATA-KSTA conjoined symposium)
	Moderators Gyu-Sam Hwang (University of Ulsan, Korea) Ernesto Pretto (University of Miami, USA)
	Cardiovascular risk assessment in transplantation candidates Susan Mandell (University of Colorado, USA)
	Multi-visceral transplantation-evolution & clinical challenge Ernesto Pretto (University of Miami, USA)
	Fluid management in liver transplant surgery? Yee Eot Chee (University of Hong Kong, Hong Kong)
	Living donor liver transplantation in USA Tetsuro Sakai (University of Pittsburgh Medical Center, USA)
	Q&A
Room 2 15:50 - 17:20	Neuroanesthesia (English-Korean)
	Moderators Ju-Tae Sohn (Gyeongsang National University, Korea) Kyeong Tae Min (Yonsei University, Korea)
	Understanding brain relaxation & ICP – they are not the same Adrian Gelb (University of California, USA)
	Perioperative management of adult traumatic brain injury Audrée Bendo (SUNY Downstate Medical Center, USA)
	Intraoperative jugular bulb O2 saturation in severe head injury Thu Ngân Nguyễn (Viet Duc Hospital, Vietnam)
	Q&A
Room 3 15:50 - 17:20	Hot issue "Anesthesia for cancer surgery" (Lecture & panel discussion) (English-Korean)
	Moderators Michael Irwin (University of Hong Kong, Hong Kong) Rick Wu (China Medical University, Taiwan)
	Perioperative evaluation and optimization-what is different in the cancer patient? Vijaya Gottumukkala (University of Texas, USA)
	Does propofol-based anaesthesia offer better outcomes for cancer patients? Timothy Wigmore (Royal Marsden Hospital, UK)
	Protection from cancer metastasis Rick Wu (China Medical University, Taiwan)
	Panel discussion / Q&A
	Panels Laurence Weinberg (University of Melbourne, Australia) Timothy Wigmore (Royal Marsden Hospital, UK) Vijaya Gottumukkala (University of Texas, USA) Jonathan Jahr (University of California, USA) Young Chul Yoo (Yonsei University, Korea)

Program Details

Session	
Room 4 15:50 - 17:20	Pediatric anesthesia (English)
	Moderators Ah Young Oh (Seoul National University, Korea) Sheng Wang (Guangdong General Hospital, China)
	Premedication: Tips and Hints for the uncooperative child Ina Ismiarti Shariffuddin (University of Malaya, Malaysia)
	Strategies to improve postoperative pain control in children: path of sustainable success Suwannee Suraseranivongse (Mahidol University, Thailand)
	Prevention of postoperative problems in children: PONV & emergence delirium YongHee Park (Chung-Ang University, Korea)
	Recent 5 papers for changing pediatric anesthesia practice Ji-Hyun Lee (Seoul National University, Korea)
	Q&A
Room 5 15:40 - 17:40	East-Asia congress of anesthesiologists (II) (English-Korean)
	Moderators Dong-Won Kim (Hanyang University, Korea) Bu-wei Yu (Ruijin Hospital Shanghai Jiaotong University, China) Hideaki Tsuchida (Kanazawa Medical University, Japan)
	Shed a new light on surviving sepsis: myr-HD5 Bao-li Cheng (First Affiliated Hospital of Zhejiang University, China)
	Hemodynamic management of sepsis Choon Hak Lim (Korea University, Korea)
	Q&A
	Up-to-date supraglottic airway devices Hironobu Ueshima (Showa University, Japan)
	Airway management in spine surgery Hajung Kim (University of Ulsan, Korea)
	Q&A
Room 6 15:50 - 17:30	Abstract presentation (APE-04)
Room 7 15:50 - 17:20	Workshop for editorial boards and reviewers of the KJA (KSA internal)
	Moderators Young Lan Kwak (Yonsei University, Korea)
	Common English mistakes to avoid when writing or reviewing a research paper Yunhee whang (Compecs, Korea)
	Ethics for research and publication Sangseok Lee (Inje University, Korea)
	Q&A

Program Details

DAY 3 | Saturday, November 10 | 07:00 - 09:00

Program Details

Day 3

Session	
Room 2 07:00 - 09:00	KMA 필수교육 (KSA internal)
	Moderator Jun Heun Yon (Inje University, Korea)
	Legal dispute related to anesthesia and pain medicine Choon-kyu Cho (Konyang University, Korea)
	Central-venous-catheter-related blood stream infection Jeongwoo Lee (Chonbuk National University, Korea)
Room 3 07:20 - 08:50	Anesthesia pharmacology (Korean)
	Moderators Hee Jung Baik (Ewha Womans University, Korea) Tae Kyun Kim (Pusan National University, Korea)
	Clinical application of basic pharmacodynamic principles Choon Gun Ryu (Chung-Ang University, Korea)
	Research methodology related to postoperative analgesic potency of opioid Yeaji Lee (Seoul National University, Korea)
	Pharmacometric properties of anti-emetic agents A Ran Lee (University of Ulsan, Korea)
Room 4 07:20 - 08:50	Q&A
	Sports pain (Korean)
	Moderator Daehyun Jo (The Catholic University of Korea, Korea)
	Understanding and management of sports pain Francis Sahngun Nahm (Seoul National University, Korea)
	Role of pain physicians by sports types Jinyoung Oh (The Catholic University of Korea, Korea)
	The principle of diagnosis in sports injuries and the timing of exercise return Gang-Geun Lee (Eulji University, Korea)
	Q&A

Program Details

DAY 3 | Saturday, November 10 | 09:00 - 10:30

Session	
Room 1 09:00 - 10:30	Transplantation anesthesia (English-Korean) (SATA-KSTA conjoined symposium)
	Moderators Dong Gun Lim (<i>Kyungpook National University, Korea</i>) Susan Mandell (<i>University of Colorado, USA</i>)
	Confusion & challenges of anesthesia for lung transplantation in China Zhi ping Wang (<i>Wuxi People's Hospital, China</i>)
	Strategy for attenuating primary graft dysfunction in lung transplantation anesthesia Young Jun Oh (<i>Yonsei University, Korea</i>)
	Role of echocardiography in the management of lung & heart transplantation Kathirvel Subramaniam (<i>University of Pittsburgh Medical Center, USA</i>)
	Q&A
Room 2 09:00 - 10:30	Update & issue (English-Korean)
	Moderators Yee Eot Chee (<i>University of Hong Kong, Hong Kong</i>) Barry McGuire (<i>Ninewells Hospital, UK</i>)
	High-flow nasal cannula Barry McGuire (<i>Ninewells Hospital, UK</i>)
	Low skill fiberoptic intubation in the obstetric airway Patrick Wong (<i>Singapore General Hospital, Singapore</i>)
	Do any interventions decrease or increase mortality in critically ill and in cardiac surgery patients? Giovanni Landoni (<i>Vita-Salute San Raffaele University, Italy</i>)
	Q&A
Room 3 09:00 - 10:30	Perioperative medicine (English-Korean)
	Moderators Jae-Kwang Shim (<i>Yonsei University, Korea</i>) Christopher Troianos (<i>Cleveland Clinic, USA</i>)
	Dynamic index for fluid-responsiveness during one-lung ventilation Hyun Joo Ahn (<i>Sungkyunkwan University, Korea</i>)
	Speckle tracking: pixels for systolic function & outcomes Nikolaos Skubas (<i>Cleveland Clinic, USA</i>)
	Perioperative monitoring of high-sensitive Troponin T Florian Falter (<i>Papworth Hospital, UK</i>)
	Q&A

Program Details

DAY 3 | Saturday, November 10 | 09:00 - 10:30

Program Details

Day 3

Session	
Room 4 09:00 - 10:30	Pain (Korean)
	Moderators Sang Sik Choi (Korea University, Korea) Jeong-Il Choi (Chonnam National University, Korea)
	Chronic pain in postural orthostatic tachycardia syndrome Tae Hwan Chung (Johns Hopkins University, USA)
	Evidence-based treatment of back pain: guidelines & clinical practice Hwa Yong Shin (Chung-Ang University, Korea)
	Cancer pain management in palliative care: guidelines & limitations Hue Jung Park (The Catholic University of Korea, Korea)
	Q&A
Room 5 09:00 - 12:30	Workshop 5 Perioperative point-of-care ultrasound Instructors Jae Hyung Kim (Hallym University, Korea) Hyo Jin Kim (Inje University, Korea) Yong Seon Choi (Yonsei University, Korea) Sungwon Na (Yonsei University, Korea) Min Suk Chae (The Catholic University of Korea, Korea)
Room 6 09:00 - 10:40	Abstract presentation (APE-05)
Room 7 09:00 - 10:40	Abstract presentation (APK-04)
Room 8 09:00 - 12:30	Workshop 9 Asan pump simulation Instructors Bon-Wook Koo (Seoul National University, Korea) Kyudon Chung (The Catholic University of Korea, Korea) Seok Kyeong Oh (Korea University, Korea)
Room 9 09:00 - 12:30	Workshop 8 ROTEM wet-lab simulation (in clinical scenarios & real blood samples) Instructors Eun Ho Lee (University of Ulsan, Korea) Klaus Görlinger (University Hospital Essen, Germany)

Program Details

DAY 3 | Saturday, November 10 | 11:00 - 12:30

Program Details

Day 3

Session	
Room 1 11:00 - 12:30	Regional anesthesia (English-Korean)
	Moderators DuckHwan Choi (Sungkyunkwan University, Korea) Ki Jinn Chin (University of Toronto, Canada)
	Anatomical considerations for ultrasound-guided peripheral nerve blocks Hiroaki Murata (Nagasaki University Hospital, Japan)
	Continuous catheter techniques in regional anesthesia Ban Tsui (Stanford University, USA)
	Peripheral nerve blocks for total knee arthroplasty? Shinich Sakura (Shimane University, Japan)
	Q&A
Room 2 11:00 - 12:30	Airway management (English-Korean)
	Moderators Jong Seok Lee (Yonsei University, Korea) Takashi Asai (Dokkyo Medical University, Japan)
	Airway management in obese patients Takashi Asai (Dokkyo Medical University, Japan)
	Lung isolation in the patient with a difficult airway Peter Slinger (Toronto General Hospital, Canada)
	A guide to the pediatric difficult airway Ina Ismiarti Shariffuddin (University of Malaya, Malaysia)
	Q&A
Room 3 11:00 - 12:30	Patient blood management (English-Korean)
	Moderators Kazuyoshi Hirota (Hirosaki University, Japan) Sybille Kietaibl (Evangelical Hospital, Austria)
	PBM as the standard of care Aryeh Shander (Englewood Hospital and Medical Center, USA)
	Predictors of perioperative red cell transfusion Andrew Klein (Papworth Hospital, UK)
	Perioperative use of intravenous iron Bon-Nyeo Koo (Yonsei University, Korea)
	Q&A

Program Details

DAY 3 | Saturday, November 10 | 11:00 - 12:30

Program Details

Day 3

Session	
Room 4 11:00 - 12:30	Ambulatory anesthesia (Korean)
	Moderators Sang-Hwan Do (Seoul National University, Korea) Sangkee Min (Ajou univ, Korea)
	Propofol for procedural sedation Young Chul Yoo (Yonsei University, Korea)
	Pain control for the ambulatory elderly Hye Min Sohn (Seoul National University, Korea)
	Ins & outs of ambulatory surgery center in Korea Geunjo Choi (Chung-Ang University, Korea)
	Q&A
Room 6 10:50 - 12:30	Abstract presentation (APE-06)
Room 7 10:50 - 12:30	Abstract presentation (APE-07)

Program Details

DAY 3 | Saturday, November 10 | 12:30 - 13:30

Session	
Room 1 12:30 - 13:30 (12:40 - 13:20)	Mitsubishi Tanabe Luncheon (English-Korean)
	Moderator In-cheol Choi (University of Ulsan, Korea) Remifentanyl dosing at extremes of body weight: lessons from pharmacokinetic models Byung-Moon Choi (University of Ulsan, Korea)
	Q&A
Room 2 12:30 - 13:30 (12:40 - 13:20)	3M Luncheon (English-Korean)
	Moderator Raveenthiran Rasiah (University Hospital of Kuala Lumpur, Malaysia) Intraoperative normothermia: prewarming and non-invasive temperature monitoring Anselm Bräuer (University Hospital Göttingen, Germany)
	Q&A
Room 3 12:30 - 13:30 (12:40 - 13:20)	Masimo Luncheon (English-Korean)
	Moderator Jun Heum Yon (Inje University, Korea) Patient optimization: blood, oxygen & fluids Aryeh Shander (Englewood Hospital and Medical Center, USA)
	Q&A
Room 4 12:30 - 13:30 (12:40 - 13:20)	Ilsung Pharmaceuticals Luncheon (Korean)
	Moderator Kyung Joon Lim (Chosun University, Korea) Sevoflurane in pediatric anesthesia Jin-tae Kim (Seoul National University, Korea)
	Q&A
Sky Kingdom (31F) 12:30 - 13:30 (12:40 - 13:20)	Medtronic Luncheon (English)
	Moderator Il-Ok Lee (Korea University, Korea) Beyond enhanced recovery after surgery: improving brain health Vijaya Gottumukkala (University of Texas, USA)
	Q&A

Program Details

DAY 3 | Saturday, November 10 | 13:30 - 15:30

Program Details

Day 3

Session	
Room 1 13:30 - 15:30	Perioperative medicine-trauma (English-Korean)
	Moderators Sioh Kim (Kyungpook National University, Korea) Jong-Seong Ahn (Armed Forces Medical Command, Korea)
	Massive transfusion protocol vs, Goal-directed transfusion in Trauma Klaus Görlinger (University Hospital Essen, Germany)
	Gun shot injury in Korea-Trauma surgeon's perspective John Cook-Jong Lee (Ajou University, Korea)
	Gun shot injury in Korea-Anesthesiologist's perspective Sook Young Lee (Ajou University, Korea)
	Role of anesthesiologists in the innovation of military trauma System Ji Young Kim (Armed Forces Capital Hospital, Korea)
	Q&A
Room 2 13:30 - 15:30	Cardiothoracic & vascular anesthesia (English-Korean)
	Moderators Sang-Hyun Kwak (Chonnam National University, Korea) Hiroaki Toyama (Tohoku University, Japan)
	Better outcomes with minimally invasive MV Repair? examining the evidence Saket Singh (Temple University, USA)
	Transplantation of hearts after cardiac death Florian Falter (Papworth Hospital, UK)
	Cardiovascular Physiology: an amplified clinical approach in anesthesia for critically ill patients Suraphong Lorsomradee (Chiang Mai University, Thailand)
	Anesthetic management of lung transplantation based on the cardiac, pulmonary capillary, & lymphatic functions Hiroaki Toyama (Tohoku University, Japan)
	Q&A
Room 3 13:30 - 15:30	Education, patient safety & outcome (English-Korean)
	Moderators Doo Sik Kim (Kosin University, Korea) Jonathan Jahr (University of California, USA)
	Intraoperative hypotension & adverse outcome John Abenstein (Mayo Clinic College, USA)
	From a team of experts to an expert team Laurence Weinberg (University of Melbourne, Australia)
	To optimize postoperative analgesia management is the important measure of perioperative medicine Jin Zhou (Northeast International Hospital, China)
	Recent advance in labour analgesia Raveenthiran Rasiah (University Hospital of Kuala Lumpur, Malaysia)
	Q&A

Program Details

Session	
Room 4 13:30 - 15:30	Critical care (English)
	Moderators Sung Jin Hong (The Catholic University of Korea, Korea) Chow Yen Yong (Hospital Pulau Pinang, Malaysia)
	Overview of delirium Sungwon Na (Yonsei University, Korea)
	Management of pulmonary hypertension in thoracic organ transplant recipients Kathirvel Subramaniam (University of Pittsburgh Medical Center, USA)
	Current concepts in circulatory shock Ho Geol Ryu (Seoul National University, Korea)
	End-of-life care: physician's role Younsuck Koh (University of Ulsan, Korea)
	Q&A
Room 5 13:30 - 17:20	Workshop 6 US-guided nerve block (Korean)
	Instructors Jin-Soo Kim (Ajou University, Korea) Ki Jinn Chin (University of Toronto, Canada) Ban Tsui (Stanford University, USA) Shinichi Sakura (Shimane University, Japan) Hyeonju Shin (Korea University, Korea) Jong Hae Kim (Daegu Catholic University, Korea) Hyungtae Kim (University of Ulsan, Korea) SeungUk Bang (The Catholic University of Korea, Korea) Wonuk Koh (University of Ulsan, Korea) Young Duk Shin (Chungbuk National University, Korea)
Room 6 13:30 - 15:40	Abstract competition (AC-03)
Room 7 13:30 - 15:40	Abstract presentation (APK-05)
Room 8 13:30 - 15:40	Abstract presentation (APK-06)
Room 9 13:30 - 15:40	Abstract presentation (APK-07)

Program Details

DAY 3 | Saturday, November 10 | 15:50 - 17:20

Program Details

Day 3

Session	
Room 1 15:50 - 17:20	Update & issue (English)
	Moderators Hyun Joo Kim (Yonsei University, Korea) Vijaya Gottumukkala (University of Texas, USA)
	Various & advanced use of supraglottic airway device Stephen Luney (Teleflex Inc, UK)
	Perioperative consideration of obstructive sleep apnea in ambulatory surgery Hye Min Sohn (Seoul National University, Korea)
	Ultrasound for airway & diaphragm Ban Tsui (Stanford University, USA)
	Q&A
Room 2 15:50 - 17:20	Cardiothoracic & vascular anesthesia (English-Korean)
	Moderators Jae-Hyon Bahk (Seoul National University, Korea) Mikyung Yang (Sungkyunkwan University, Korea) Peter Slinger (Toronto General Hospital, Canada)
	Updates in one-lung ventilation Peter Slinger (Toronto General Hospital, Canada)
	Recent 5 articles for OLV Dong-Kyu Lee (Korea University, Korea)
	Pain management in thoracic surgery: traditional vs. alternative therapies Jeong-Hwa Seo (Seoul National University, Korea)
	Panel discussion: Hypoxemia/hyperoxia during OLV & post-thoracotomy pain control Panels Jeong-Hwa Seo (Seoul National University, Korea) Peter Slinger (Toronto General Hospital, Canada) Hyun Joo Ahn (Sungkyunkwan University, Korea) Wook-Jong Kim (University of Ulsan, Korea) Young Jun Oh (Yonsei University, Korea) Dong-Kyu Lee (Korea University, Korea)

Program Details

Session	
Room 3 15:50 - 16:30	Update & issue
	Moderators <i>Il-Ok Lee (Korea University, Korea)</i> <i>In-cheol Choi (University of Ulsan, Korea)</i> <i>James Grant (The American Society of Anesthesiologists, USA)</i>
	Safety in office-based anesthesia in USA perspective <i>Fred Shapiro (Harvard University, USA)</i>
	Panel Discussion: patient safety, what KSA has to start now? Panels <i>Paul Barach (Children's Hospital, Wayne State University School of Medicine, USA)</i> <i>Fred Shapiro (Harvard University, USA)</i> <i>In-Cheol Choi (University of Ulsan, Korea)</i> <i>Sungsik Park (Kyungpook National University, Korea)</i> <i>Jun Heum Yon (Inje University, Korea)</i> <i>Tae-Yop Kim (Konkuk University, Korea)</i> <i>Jin-Tae Kim (Seoul National University, Korea)</i> <i>Chul Ho Chang (Yonsei University, Korea)</i> <i>Ki-Young Lee (Yonsei University, Korea)</i>
Room 4 15:50 - 17:20	Anesthesia pharmacology-NMB (English-Korean)
	Moderators <i>Hong Seuk Yang (University of Ulsan, Korea)</i> <i>Jin Young Chon (The Catholic University of Korea, Korea)</i>
	NM monitoring: are there advantages of specific techniques? <i>Hong Seuk Yang (University of Ulsan, Korea)</i>
	Why your patient is still silent despite adequate reversal? <i>Yong Beom Kim (Gachon University, Korea)</i>
	Hypersensitivity related with NMBD & antagonists <i>Woon-Seok Kang (Konkuk University, Korea)</i>
	Q&A
Room 6 15:50 - 17:30	Abstract Presentation (APE-08)
Room 7 15:50 - 17:30	Abstract Presentation (APE-09)
Room 8 15:50 - 17:30	Abstract Presentation (APE-10)
Room 9 15:50 - 17:30	Abstract Presentation (APE-11)