

# Program Details

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

Program Details

Day 2

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

# Program Details

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

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

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

# Program Details

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

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

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

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

# Program Details

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

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

# Program Details

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

Program Details

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

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



# Program Details

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

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

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