

# **The 24<sup>th</sup> KSCCM-JSICM Joint Congress**

# The 24<sup>th</sup> KSCCM-JSICM Joint Congress

## 日韓ジョイントコンGRES

**March 15 (Fri.) 8 : 30 ~ 8 : 40 Room 7 Royton Sapporo 2F Crystal Room B**  
**Opening Remarks**

**March 15 (Fri.) 8 : 40 ~ 9 : 55 Room 7 Royton Sapporo 2F Crystal Room B**  
**Symposium 1 How do we manage patient's nutrition in ICU?**

Chairs : Young Rock Ha (EM-CCM, Severance Hospital, Yonsei University)  
Moritoki Egi (Kyoto University Hospital)

**KJS1-1 (KSCCM) TBD**

Suk-Kyung Hong (Department of Surgery, University of Ulsan College of Medicine, Asan Medical Center)

**KJS1-2 (JSICM) Nutrition therapy for critically ill patients**

Joji Kotani (Division of Disaster and Emergency Medicine, Department of Surgery Related, Kobe University Graduate School of Medicine)

**KJS1-3 (JSICM) How do we manage patient's nutrition in ICU?**

Kensuke Nakamura (Department of Critical Care Medicine, Yokohama City University Hospital)

**March 15 (Fri.) 10 : 10 ~ 11 : 25 Room 7 Royton Sapporo 2F Crystal Room B**  
**Symposium 2 Antibiotic issues for critically ill patients**

Chairs : Sungwon Na (Department of Anesthesiology, Yonsei University College of Medicine)  
Hiroshi Koyama (Shonan Kamakura General Hospital)

**KJS2-1 (KSCCM) Aerosolized or Inhaled Antibiotics in Mechanically Ventilated Patients**

Young-Jae Cho<sup>1,2</sup> (1. Division of Pulmonary and Critical Care Medicine, Seoul National University Bundang Hospital, 2. Department of Internal Medicine, Seoul National University College of Medicine)

**KJS2-2 (JSICM) Antimicrobial de-escalation in ICU**

Jun Makino (Critical Care Medicine, Tokyo Metropolitan Bokutoh Hospital)

**KJS2-3 (KSCCM) Current Management for Pneumonia due to Carbapenem-Resistant Gram-Negative Bacteria**

Jae Kyeom Sim (Department of Internal Medicine, Korea University Guro Hospital)

**March 15 (Fri.) 11 : 25 ~ 11 : 40 Room 7 Royton Sapporo 2F Crystal Room B  
Award Ceremony**

**March 15 (Fri.) 13 : 40 ~ 14 : 40 Room 7 Royton Sapporo 2F Crystal Room B  
Oral session1**

Chairs : Young Rock Ha (EM-CCM, Severance Hospital, Yonsei University)

Kent Doi (Graduate School of Medicine and Faculty of Medicine, The University of Tokyo)

- KJ01-1 Effectiveness of Dysphagia Rehabilitation Program in Long-Term Ventilated Tracheostomized Patients: A Single-Center Observational Study**  
Jiwon Lee, Kwangha Lee, Wanho Yoo, Hyojin Jang (Department of Internal Medicine, Pusan National University Hospital, South Korea)
- KJ01-2 One-Year Post-Intensive Care Syndrome in Sepsis and Septic Shock - ILOSS Study**  
Keibun Liu<sup>1,2,3</sup>, Shinichi Watanabe<sup>4</sup>, Takashi Hongo<sup>5</sup>, Nobutake Shimojo<sup>6</sup>, Yukiko Tanaka<sup>7</sup>, Manabu Hanazawa<sup>8</sup>, Tomohiro Hamagami<sup>9</sup>, Kenji Oike<sup>10</sup>, Daisuke Kasugai<sup>11</sup>, Yutaka Sakuda<sup>12</sup>, The ILOSS Study Group (1. Non-Profit Organization ICU Collaboration Network (ICON), Tokyo, Japan, 2. Critical Care Research Group, The Prince Charles Hospital, Brisbane, Australia, 3. Institute for Molecular Bioscience (IMB), The University of Queensland, Brisbane, Queensland, Australia, 4. Department of Physical Therapy, Faculty of Rehabilitation, Gifu University of Health Science, Gifu, Japan, 5. Emergency Department, Okayama Saiseikai General Hospital, Okayama, Japan, 6. Emergency and Critical Care Medicine, University of Tsukuba Faculty of Medicine, Ibaraki, Japan, 7. Department of emergency, Tsukuba Medical Center Hospital, Ibaraki, Japan, 8. Department of Rehabilitation, Japan Red Cross Narita Hospital, Chiba, Japan, 9. Tajima Emergency & Critical Care Medical Center, Toyooka Public Hospital, Hyogo, Japan, 10. Department of Rehabilitation, Tsuchiura Kyodo General Hospital, Ibaraki, Japan, 11. Department of Emergency and Critical Care Medicine, Nagoya University Graduate School of Medicine Faculty of Medicine, Aichi, Japan, 12. Department of Intensive Care Medicine, Okinawa Kyodo Hospital, Naha, Okinawa, Japan)
- KJ01-3 Vitamin D deficiency is associated with poor neurologic outcome after sudden cardiac arrest**  
Jae Bin Seo<sup>1</sup>, Jin Wi<sup>2</sup> (1. Department of Internal Medicine, Boramae Medical Center, Korea, 2. Division of Cardiology, Gachon University Gil Medical Center, Korea)
- KJ01-4 Development of Artificial Intelligence-Driven Biosignal-Sensitive Cardiopulmonary Resuscitation Robot**  
Taegyung Kim<sup>1</sup>, Gil Joon Suh<sup>1</sup>, Kyung Su Kim<sup>1</sup>, Woon Yong Kwon<sup>1</sup>, Hayoung Kim<sup>1</sup>, Heesu Park<sup>1</sup>, Jaeheung Park<sup>2</sup>, Jung Chan Lee<sup>3</sup> (1. Department of Emergency Medicine, Seoul National University Hospital, Republic of Korea, 2. Graduate School of Convergence Science and Technology, Seoul National University, Republic of Korea, 3. Institute of Medical and Biological Engineering, Medical Research Center, Seoul National University, Republic of Korea)
- KJ01-5 Relationship between beta-blockers use and the prognosis of patients with out-of-cardiac arrest**  
Kazunori Fukushima<sup>1</sup>, Makoto Aoki<sup>2</sup>, Nobuya Kitamura<sup>3</sup>, Takashi Tagami<sup>4</sup>, Hideo Yasunaga<sup>5</sup>, Shotaro Aso<sup>6</sup>, Yoshihisa Tateishi<sup>7</sup>, Yuto Aramaki<sup>1</sup>, Yusuke Sawada<sup>1</sup>, Kiyohiro Oshima<sup>1</sup> (1. Department of Emergency Medicine, Gunma University Hospital, Japan, 2. Advanced Medical Emergency Department and Critical Care Center, Japan Red Cross Maebashi Hospital, Japan, 3. Department of Emergency and Critical Care Medicine, Kimitsu Chuo Hospital, Japan, 4. Department of Emergency and Critical Care Medicine, Nippon Medical School Musashikosugi Hospital, Japan, 5. Department of Clinical Epidemiology and Health Economics, School of Public Health, The University of Tokyo, Japan, 6. Department of Real-world Evidence, Graduate School of Medicine, The University of Tokyo, Japan, 7. Department of Emergency and Critical Care Medicine, Chiba Kaihin Municipal Hospital, Japan)

**KJ01-6 Current status of advance care planning and factors affecting in life-sustaining treatment decision-making process for critical ill patients in Korean ICU**

So Young Park<sup>1</sup>, Younsuck Koh<sup>2</sup> (1. Division of pulmonary, allergy and critical care medicine, Department internal medicine, Kangdong sacred Heart Hospital, Hallym university medical center, Republic of Korea, 2. Department of Pulmonary and Critical Care Medicine, University of Ulsan, College of Medicine, Asan Medical Center, Republic of Korea)

**March 15 (Fri.) 14 : 50 ~ 15 : 50 Room 7 Royton Sapporo 2F Crystal Room B**  
**Oral session2**

Chairs : Sungwon Na (Department of Anesthesiology, Yonsei University College of Medicine)  
Tomoko Fujii (The Jikei University Hospital)

**KJ02-1 Insulin enhances the vasodilation effect of amlodipine by increasing the production of nitric oxide**

Ju-Tae Sohn<sup>1</sup>, Soo Hee Lee<sup>1</sup>, Seong-Ho Ok<sup>1</sup>, Sung Il Bae<sup>2</sup>, Kyeon-Eon Park<sup>2</sup>,  
Yeran Hwang<sup>2</sup> (1. Department of Anesthesiology and Pain Medicine, Gyeongsang National University College of Medicine, Republic of Korea, 2. Department of Anesthesiology and Pain Medicine, Gyeongsang National University Hospital, Republic of Korea)

**KJ02-2 Effect of remote ischemic pre-conditioning on sepsis in rats; Comparison of two sepsis-like models**

Eunji Ko<sup>1</sup>, Choon Hak Lim<sup>2</sup> (1. Department of Anesthesiology and Pain Medicine, Korea University Anam Hospital, Republic of Korea, 2. Department of Anesthesiology and Pain Medicine, College of Medicine, Korea University, Republic of Korea)

**KJ02-3 Vascular access life in children treated with continuous kidney replacement therapy**

Mizue Kishida<sup>1</sup>, Kentaro Ide<sup>1</sup>, Junichiro Morota<sup>1</sup>, Yusuke Tokuda<sup>1</sup>, Eisaku Nashiki<sup>1</sup>,  
Kentaro Nishi<sup>2</sup>, Mai Miyaji<sup>3</sup>, Taiki Haga<sup>4</sup>, Shotaro Matsumoto<sup>1</sup>, Satoshi Nakagawa<sup>1</sup> (1. Division of Critical Care Medicine, National Center for Child Health and Development, 2. Division of Nephrology and Rheumatology, National Center for Child Health and Development, 3. Department of Pediatrics, St. Marianna University School of Medicine, 4. Department of Pediatric Critical Care Medicine, Osaka City General Hospital)

**KJ02-4 Follow-up of Cognitive Impairment in Surgical Critically ill Survivors**

Yoon-Joong Jung<sup>1</sup>, Kijae Jeong<sup>1</sup>, Sungbak An<sup>2</sup>, Hakjae Lee<sup>2</sup>, Suk-kyung Hong<sup>2</sup> (1. Department of Nursing, Asan Medical Center, Seoul, Korea, 2. Division of Acute Care Surgery, Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea)

**KJ02-5 The Effect of our intraoperative tranexamic acid protocol on the incidence of bleeding events**

Fubuki Inoue<sup>1</sup>, Osamu Ogasawara<sup>1</sup>, Masashi Shibano<sup>1</sup>, Haruka Ito<sup>2</sup>, Junya Maeda<sup>1</sup>,  
Hiroyasu Suzuki<sup>2</sup>, Saya Yoshizawa<sup>2</sup>, Sachie Kuroda<sup>2</sup>, Hiroki Yamauchi<sup>2</sup>,  
Masaki Ando<sup>1</sup> (1. Department of Intensive Care, Kariya Toyota General Hospital, Japan, 2. Department of Anesthesia, Kariya Toyota General Hospital, Japan)

Chairs : Jae Hwa Cho (Yonsei University of Medicine)

Takeshi Yoshida (Department of Anesthesiology and Intensive Care Medicine, Osaka University Graduate School of Medicine)

- KJPI-1 Incidence of sepsis and disseminated intravascular coagulopathy in critically ill COVID-19 patients: a multicenter retrospective cohort study.**  
Hyunseung Nam<sup>1</sup>, Kyu Jin Lee<sup>2</sup>, Sunghoon Park<sup>2</sup>, Woo Hyun Cho<sup>3</sup>, Chi Ryang Chung<sup>1</sup>, Gee Young Suh<sup>1</sup> (1. Department of Pulmonary and Critical Care Medicine, Samsung Medical Center, South Korea, 2. Department of Pulmonary, Allergy and Critical Care Medicine, Hallym University Sacred Heart Hospital, South Korea, 3. Department of Pulmonary and Critical Care Medicine, Pusan National University Yangsan Hospital, South Korea)
- KJPI-2 A Machine Learning Model And full-length tryptophanyl-tRNA synthetase(WRS) for Accurate Prediction of Sepsis in ER Patients**  
Chang Woon KIM<sup>1</sup>, Eun Ji KIM<sup>2</sup>, Eun Young Choi<sup>1</sup>, Bong Kuen Kang<sup>3</sup>, Dong Hwan Hwang<sup>2</sup> (1. Department Of Pulmonology, Yeungnam University Medical Center, College Of Medicine, Yeungnam University, Daegu, Republic of Korea, 2. Department Of Pulmonology, Daegu Medical Center, Daegu, Republic of Korea, 3. Department Of Engineering, Medical Innovation Foundation, Daegu-Gyeongbuk, Republic of Korea)
- KJPI-3 Utility of Bronchoscopy During Percutaneous Dilatational Tracheostomy in the Trauma Intensive Care Unit: A Propensity Score-Matched Analysis**  
Yong Hoon Lee<sup>1</sup>, Shin-Ah Son<sup>2</sup>, Sang Cjeol Lee<sup>2</sup>, Do-Hoon Kim<sup>3</sup> (1. Department of Internal Medicine, School of Medicine, Kyungpook National University, Kyungpook National University Hospital, Daegu, Republic of Korea, 2. Department of Thoracic and Cardiovascular Surgery, School of Medicine, Kyungpook National University, Kyungpook National University Hospital, Daegu, Republic of Korea, 3. Department of Nuclear Medicine, Daejeon Eulji Medical Center, Eulji University School of Medicine, Daejeon, Republic of Korea)
- KJPI-4 Time to vasopressors and clinical outcomes in patients with sepsis and septic shock**  
Hyoseok Oh, Ryoung-Eun Ko, Chi Ryang Chung, Gee Young Suh (Department of Critical Care Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea)
- KJPI-5 Early initiation of PMX-DHP therapy for cancer patients with refractory septic shock**  
Jae Hoon Lee, Won ho Han (Critical Care Medicine, National Cancer Center, Republic of Korea)
- KJPI-6 The clinical efficacy and suitable implementation of two extracorporeal blood purification therapies: AN69-oXiris vs. PMX-HP**  
Hye Sung Kim, Yoon Ji Chung, Gyeo Ra Lee, Eun Young Kim (Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)
- KJPI-7 From bedside to bench: Advanced reverse translational research in sepsis in the era of precision medicine.**  
Hisatake Matsumoto, Hiroshi Ogura, Jun Oda (Department of Traumatology and Acute Critical Medicine Osaka University Graduate School of Medicine)

Chairs : Sang-Min Lee (Seoul National University of Medicine)  
Hiroshi Koyama (Shonan Kamakura General Hospital)

- KJP2-1 Relationship between ventilatory ratio on day 7 after ventilator care and mortality in patients with ARDS**  
Wanho Yoo, Kwangha Lee (Department of Pulmonary, Allergy, and Critical Care Medicine, Department of Internal Medicine, Pusan National University Hospital, Busan, Republic of Korea)
- KJP2-2 Early Bronchoscopy in Severe Pneumonia Patients in ICU: Insights from the MIMIC-IV Database Analysis**  
Yeonkyung Park<sup>1</sup>, Chiwon Ahn<sup>2</sup>, Seo-Hee Yang<sup>1</sup>, Byoung Jun Lee<sup>1</sup> (1. Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Veterans Health Service Medical Center, Seoul, Korea, 2. Department of Emergency Medicine, College of Medicine, Chung-Ang University, Seoul, Korea)
- KJP2-3 Tracheostomy Practices in Patients Undergoing Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: A Single-Center Study**  
Jiyoon Lee<sup>1</sup>, Kwangha Lee<sup>2</sup>, Wanho Yoo<sup>1</sup> (1. Department of Internal Medicine, Pusan National University Hospital, South Korea, 2. Department of Internal Medicine, Pusan National University School of Medicine, South Korea)
- KJP2-4 The clinical efficacy and prognostic factor of high-flow nasal cannula oxygen therapy: A Korea prospective, multicenter study**  
So Young Park<sup>1</sup>, Ju Yeun Song<sup>2</sup>, Kyeongman Jeon<sup>3</sup>, Gee Young Suh<sup>3</sup>, Won-Yeon Lee<sup>4</sup>, Won-Il Choi<sup>5</sup>, Sunghoon Park<sup>6</sup>, Yun Su Sim<sup>7</sup>, Gil Myeong Seong<sup>7</sup>, Jick Hwan HA<sup>9</sup>, Jin Won Huh<sup>10</sup>, Youjin Chang<sup>11</sup> (1. Department of pulmonary, allergy and critical care medicine, Kangdong sacred heart hospital, Hallym medical center, Republic of Korea, 2. Department of pulmonary, allergy and critical care medicine, Kangdong sacred heart hospital, Hallym medical center, Seoul, Republic of Korea, 3. Department of Critical Care Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea, 4. Division of Pulmonary, Allergy, and Critical Care Medicine, Yonsei University Wonju College of Medicine, Republic of Korea, 5. Department of Internal Medicine, Keimyung University Dongsan Hospital, Daegu, Republic of Korea, 6. Department of Pulmonary, Allergy and Critical Care Medicine, Department of Internal Medicine, Hallym University Sacred Heart Hospital, Republic of Korea, 7. Department of Pulmonary, Allergy and Critical Care Medicine, Department of Internal Medicine, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Republic of Korea, 8. Department of Internal Medicine, Jeju National University Hospital, Jeju National University School of Medicine, Jeju, Republic of Korea, 9. Division of Pulmonology, Critical Care and Sleep Medicine, Department of Internal Medicine, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea, 10. Department of Respiratory and Critical Care Medicine University of Ulsan College of Medicine Asan Medical Center, Republic of Korea, 11. Division of Pulmonary and Critical care medicine, Department of Internal medicine, College of medicine Inje University, Sanggye Paik Hospital, Republic of Korea)
- KJP2-5 The First Clinical Use of 3D-EIT for Severe Pneumonia Patient**  
Yoshiaki Iwashita<sup>1</sup>, Kotaro Murakami<sup>1</sup>, Rie Sato<sup>1</sup>, Nobuhiro Kodani<sup>1</sup>, Noriaki Yamada<sup>1</sup>, Satoru Nebuya<sup>2</sup> (1. Department of Emergency and Critical Care Medicine, Shimane University, Japan, 2. Department of Joint Research in Advanced Medicine for Electromagnetic Engineering, Shimane University, Japan)
- KJP2-6 Efficacy of direct hemoperfusion using polymyxin B-immobilized fiber column in acute respiratory failure patients. -preliminary study**  
So Young Park (Devision of pulmonary, allergy and critical care medicine, Kangdong sacred heart hospital, Hallym medical center, Republic of Korea)

**KJP2-7 The association of sepsis induced coagulopathy with mortality and morbidity in critically ill patients with sepsis: A nationwide cohort study**

Dong-gon Hyun, Su Yeon Lee, Jee Hwan Ahn, Jin Won Huh, Sang-Bum Hong, Younsuck Koh, Chae-Man Lim (Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea)

**March 15 (Fri.) 13 : 40 ~ 14 : 40 Digital Poster Room 2 Royton Sapporo 2F Crystal Room C-2 Poster session3**

Chairs : Chi-Min Park (Sungkyunkwan University School of Medicine, Samsung Medical Center)  
Satoshi Kimura (Department of Anesthesiology, Kyoto University Hospital)

**KJP3-1 Effect of reducing in-hospital mortality and 60-day mortality through strict nutritional supplementation in critically ill patients after surgery**

Eun Young Kim, Kyoung Moo Im (Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)

**KJP3-2 A case of diabetic ketoacidosis with COVID-19 infection treated with artificial pancreas for glycemic control.**

Yoshitaka Ooya<sup>1</sup>, Futoshi Kotajima<sup>1</sup>, Yoshitaka Inoue<sup>1</sup>, Shuhei Miyata<sup>1</sup>, Emiri Saito<sup>2</sup>, Kotaro Mitsutake<sup>2</sup>, Kazuya Niyama<sup>2</sup>, Satoshi Kamimura<sup>2</sup>, Kouhei Yoshida<sup>2</sup> (1. Department of Emergency and Acute Medicine, Saitama Medical University International Medical Center, Japan, 2. Department of Nursing, Saitama Medical University International Medical Center, Japan)

**KJP3-3 Risk Factors for Cognitive Impairment in Critically ill Surgical Patients**

Kijae Jeong<sup>1</sup>, Yooun Joon Jung<sup>1</sup>, Sungbak An<sup>2</sup>, Hakjae Lee<sup>2</sup>, Suk-kyung Hong<sup>2</sup> (1. Department of Nursing, Asan Medical Center, Seoul, Korea, 2. Division of Acute Care Surgery, Department of Surgery, Asan Medical Center, Seoul, Korea)

**KJP3-4 Venous-to-arterial carbon dioxide tension difference measurement as a useful predictor of patient prognosis after major surgery**

Gyeo Ra Lee, Hye Sung Kim, Yoon Ji Chung, Eun Young Kim (Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)

**KJP3-5 Is early debridement better in burn treatment?**

Akinori Osuka (Trauma, Critical Care & Burn Center, JCHO Chukyo Hospital, Japan)

**KJP3-6 Predictive value of platelet to hemoglobin ratio in out-of-hospital cardiac arrest patients with an initial shockable rhythm**

Yeon Ah Park, Sung Eun Lee (Department of Emergency Medicine, Ajou University School of Medicine, Suwon, Republic of Korea)

**KJP3-7 A Remote-Controlled Automatic Chest Compression Device Capable of Changing Compression Position during CPR**

Gil Joon Suh<sup>1</sup>, Taegyun Kim<sup>2</sup>, Kyung Su Kim<sup>2</sup>, Woon Yong Kwon<sup>1</sup>, Heesu Park<sup>2</sup>, Jaeheung Park<sup>3</sup>, Sungmoon Hur<sup>3</sup>, Jehoon Sim<sup>3</sup>, Kyunghwan Kim<sup>4</sup>, Jung Chan Lee<sup>5</sup>, Dong Ah Shin<sup>5</sup> (1. Department of Emergency Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea, 2. Department of Emergency Medicine, Seoul National University Hospital, Republic of Korea, 3. Graduate School of Convergence Science and Technology, Seoul National University, Seoul, Republic of Korea, 4. NT Robot, Co, Seoul, Republic of Korea, 5. Institute of Medical and Biological Engineering, Medical Research Center, Seoul National University, Seoul, Republic of Korea)

**March 15 (Fri.) 14 : 50 ~ 15 : 50 Digital Poster Room 2 Royton Sapporo 2F Crystal Room C-2  
Poster session4**

Chairs : Ho-Geol Ryu (Seoul National University of Medicine)  
Moritoki Egi (Kyoto University Hospital)

- KJP4-1 Acute Ischemic Stroke in The Patients with Inflammatory Arthritis: An Analysis of Data from National Health Insurance Service**  
Jun Hong Lee (Department of Neurology, National Health Insurance Service Ilsan Hospital)
- KJP4-2 Ultrasonography-Guided Arterial Catheterization in the ICU**  
Byunghyuk Yu (Intensive Care Unit, Kyungpook National University Chilgok Hospital, Republic of Korea School of Medicine, Kyungpook National University, Republic of Korea)
- KJP4-3 Fundic Patch Repair for Blunt Traumatic Esophageal Perforation: A Case Report.**  
Yoshiaki Yoshioka<sup>1,2</sup>, Koji Morishita<sup>1</sup>, Masayuki Yagi<sup>3</sup> (1. Trauma and Acute Critical Care Center, Tokyo Medical and Dental University Hospital, Japan, 2. Department of Surgery, Seirei Hamamatsu General Hospital, Japan, 3. Emergency Medicine and Acute Care Surgery, Matsudo City General Hospital, Japan)
- KJP4-4 Indications and safety of nonoperative treatment in pediatric abdominal pelvic trauma**  
Tomoya Hanada, Koji Kanno, Yusuke Ito, Akira Yoshida, Yuji Yamagami, Kohei Kusumoto (Department of Pediatric Emergency and Critical Care Medicine, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki, Hyogo, Japan)
- KJP4-5 Effects of continuous renal replacement therapy in patients receiving extracorporeal membrane oxygenation: a meta-analysis.**  
Sunghoon Park<sup>1</sup>, Hyunseung Nam<sup>2</sup>, Sin-Young Ahn<sup>3</sup> (1. Department of Pulmonary, Allergy and Critical Care Medicine, Hallym University Sacred Heart Hospital, South Korea, 2. Department of Pulmonary and Critical Care Medicine, Samsung Medical Center, South Korea, 3. Department of Nephrology, Korea University Ansan Hospital, South Korea)

**March 15 (Fri.) 16 : 00 ~ 17 : 00 Room 7 Royton Sapporo 2F Crystal Room B  
Award session**

Chairs : Gee Young Suh (President of KSCCM)  
Kiyoyasu Kurahashi (International University of Health and Welfare, Narita Hospital)

- KJA-1 Lobeglitazone, a peroxisome proliferator-activated receptor  $\gamma$  agonist, exhibits anti-inflammatory and neuroprotective effects in a rat model of intracerebral hemorrhage**  
Tae Jung Kim<sup>1</sup>, Soo-Hyun Park<sup>2</sup>, Kyungjin Ha<sup>3</sup>, Sang-Bae Ko<sup>1</sup> (1. Department of Critical Care Medicine & Neurology, Seoul National University Hospital, Seoul, Korea, 2. Department of Neurology, Kangdong Sacred Heart Hospital, Seoul, Korea, 3. Department of Critical Care Medicine, Seoul National University Hospital, Seoul, Korea)
- KJA-2 Assessing the changes of COVID-19 on ICU Practice using Japanese Intensive care PATient Database.**  
Chikashi Takeda<sup>1</sup>, Masaaki Sakuraya<sup>2</sup>, Sachiko Tanaka-Mizuno<sup>3</sup>, Kotaro Sakurai<sup>1</sup>, Shinichi Kai<sup>1</sup>, Toshiyuki Mizota<sup>1</sup>, Moritoki Egi<sup>1</sup> (1. Department of Anesthesia, Kyoto University Hospital, Japan, 2. Division of Emergency and Critical Care Medicine, JA Hiroshima General Hospital, Japan, 3. Department of Pharmacoepidemiology, Graduate School of Medicine and Public Health, Kyoto University, Japan)
- KJA-3 Sex-based disparities in receiving bystander cardiopulmonary resuscitation and clinical outcome among adult out-of-hospital cardiac arrest victims**  
Kyung Hun Yoo, Jaehoon Oh, Yongil Cho, Juncheol Lee, Tae Ho Lim, Hyunggoo Kang, Byuk Sung Ko (Department of Emergency Medicine, College of Medicine, Hanyang University, Seoul, Republic of Korea)



- KJA-4**    **Inhaled anesthetics induce skeletal muscle atrophy via the Akt pathway**  
Akihisa Taguchi, Shinichi Kai, Moritoki Egi (Department of Anesthesia, Kyoto University Hospital, Japan)
- KJA-5**    **Relationship of vitamin D to profound cardiogenic shock in patients resuscitated from sudden cardiac arrest**  
Jin Wi (Division of Cardiology, Gachon University Gil Medical Center, Korea)
- KJA-6**    **Delayed intubation injures lung and diaphragm in experimental lung injury model**  
Hirofumi Iwata<sup>1</sup>, Takeshi Yoshida<sup>1</sup>, Andi Muhammad Fadlillah Firstiogusran<sup>1</sup>, Takashi Maezawa<sup>1</sup>, Hiroki Taenaka<sup>1</sup>, Haruka Hashimoto<sup>1</sup>, Ryota Nukiwa<sup>2</sup>, Yukiko Koyama<sup>1</sup>, Yuji Fujino<sup>1</sup> (1. Department of Anesthesiology and Intensive Care Medicine, Osaka University Graduate school of Medicine, Japan, 2. Department of Emergency, Hachinohe City Hospital, Japan)

<p><b>March 15 (Fri.) 17 : 00 ~ 17 : 15 Room 7 Royton Sapporo 2F Crystal Room B</b> <b>Closing Remarks</b></p>
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**The 3<sup>rd</sup> Joint Scientific Congress of  
TSCCM, TSECCM, and JSICM**

# The 3<sup>rd</sup> Joint Scientific Congress of TSCCM, TSECCM, and JSICM 日台ジョイントコンgres

**March 16 (Sat.) 8 : 30 ~ 8 : 40 Room 7 Royton Sapporo 2F Crystal Room B**  
**Opening Ceremony**

**March 16 (Sat.) 8 : 40 ~ 9 : 55 Room 7 Royton Sapporo 2F Crystal Room B**  
**Symposium 1 Management of haemodynamic instability in the ICU**

Chairs : Kuo-Chin Kao (President TSCCM)  
Kent Doi (Graduate School of Medicine and Faculty of Medicine, The University of Tokyo)

- TJS1-1 Optimizing Macrocirculation and Microcirculation in Septic Shock**  
Yu-Chang Yeh (Department of Anesthesiology, National Taiwan University Hospital, Taipei, Taiwan)
- TJS1-2 Management of hemodynamic with mechanical circulatory support for cardiogenic shock**  
Jun Nakata (Division of Cardiovascular Intensive Care, Nippon Medical School Hospital, Tokyo, Japan)
- TJS1-3 Advancements and Future Prospects in Vasopressor Therapy for Critically Ill Patients**  
Yuki Kotani (Department of Intensive Care Medicine, Kamada Medical Center, Kamogawa, Japan)

**March 16 (Sat.) 10 : 10 ~ 11 : 25 Room 7 Royton Sapporo 2F Crystal Room B**  
**Symposium 2 Sepsis**

Chairs : Kar-Lok Wong (President TSECCM)  
Tomoko Fujii (The Jikei University Hospital)

- TJS2-1 Risk factors and clinical outcomes of nosocomial pneumonia and cytomegalovirus infection in ICU patients with severe COVID-19 infection**  
Kuang-Yao Yang<sup>1,2</sup> (1. Department of Chest Medicine, Taipei Veterans General Hospital, 2. National Yang Ming Chiao Tung University)
- TJS2-2 TBD**  
Chau-Chyun Sheu (Division of Pulmonary and Critical Care Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan)
- TJS2-3 Crucial elements of constructing an organizational framework in J-SSCG 2024 for a sustainable future**  
Takehiko Oami<sup>1,2</sup>, Kazuma Yamakawa<sup>2</sup>, Nobuaki Shime<sup>2</sup>, Taka-aki Nakada<sup>1,2</sup>, Tomoaki Yatabe<sup>2</sup>, Yoshitaka Aoki<sup>2</sup>, Shigeaki Inoue<sup>2</sup>, Toshiaki Iba<sup>2</sup>, Hiroshi Ogura<sup>2</sup>, Yusuke Kawai<sup>2</sup>, Atsushi Kawaguchi<sup>2</sup>, Tatsuya Kawasaki<sup>2</sup>, Yutaka Kondo<sup>2</sup>, Masaaki Sakuraya<sup>2</sup>, Shunsuke Taito<sup>2</sup>, Kent Doi<sup>2</sup>, Hideki Hashimoto<sup>2</sup>, Yoshitaka Hara<sup>2</sup>, Tatsuma Fukuda<sup>2</sup>, Asako Matsushima<sup>2</sup>, Moritoki Egi<sup>2</sup>, Shigeki Kushimoto<sup>2</sup> (1. Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, 2. Special Committee of the Japanese Clinical Practice Guidelines for the Management of Sepsis and Septic Shock 2024 (J-SSCG 2024))

Chairs : Kuang-Yao Yang (Department of Chest Medicine, Taipei Veterans General Hospital / National Yang Ming Chiao Tung University)

Takehiko Oami (Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine / Special Committee of the Japanese Clinical Practice Guidelines for the Management of Sepsis and Septic Shock 2024 (J-SSCG 2024))

- TJ01-1 Classifying electrocardiogram with uncertainty-aware explanation**  
Noriaki Sato<sup>1</sup>, Ryosuke Kojima<sup>2</sup>, Hirohiko Kohjitani<sup>2</sup>, Akihiko Ueda<sup>2</sup>, Atsuko Shiraki<sup>3</sup>, Yasushi Okuno<sup>2</sup>, Seiya Imoto<sup>1</sup> (1. Division of Health Medical Intelligence, Human Genome Center, The Institute of Medical Science, The University of Tokyo, Japan, 2. Department of Biomedical Data Intelligence, Kyoto University, Japan, 3. Department of Anesthesia, Kyoto University Hospital, Japan)
- TJ01-2 Effect of mechanical power for the non-ARDS patient with mechanical ventilation**  
Lok-Hi Chow<sup>1,2</sup>, Chen Wei-Chih<sup>3</sup> (1. Department of Anesthesiology, Taipei Veterans General Hospital, Taipei, Taiwan, 2. Department of Anesthesiology, School of Medicine, and Institute of Clinical Nursing, School of Nursing, National Yang-Ming Chiao-Tung University, Taipei, Taiwan, 3. Institute of Emergency and Critical Care Medicine, School of Medicine, and Department of Chest Medicine Taipei Veterans General Hospital and School of Medicine, National Yang-Ming Chiao-Tung University, Taipei, Taiwan)
- TJ01-3 Relationship between the Prognosis of Super-Refractory Status Epilepticus and Hyperthermia**  
Yoshihiro Sawaguchi<sup>1</sup>, Kotaro Noda<sup>2</sup>, Nobuyuki Nosaka<sup>1</sup>, Kenji Wakabayashi<sup>1</sup> (1. Department of Intensive Care Medicine, Tokyo Medical and Dental University, Tokyo, Japan, 2. Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan)
- TJ01-4 The clinical efficacy of ultrashort-acting b-blockers on septic shock and sepsis : a systematic review and meta-analysis of randomized controlled trials**  
Po-Yu Huang<sup>1</sup>, Ting-Hui Liu<sup>2</sup>, Jheng-Yan Wu<sup>3</sup>, Chih-Cheng Lai<sup>4</sup> (1. Department of Internal Medicine, Chi Mei Medical Center, Tainan City, Taiwan, 2. Department of Psychiatry, Chi Mei Medical Center, Tainan, Taiwan, 3. Department of Nutrition, Chi Mei Medical Center, Tainan, Taiwan; Graduate Institute of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, 4. Department of Internal Medicine, Division of Hospital Medicine, Chi Mei Medical Center, Tainan, Taiwan)
- TJ01-5 THE PREVALENCE AND OUTCOMES OF UNDERFEEDING AND OVERFEEDING IN THE CRITICALLY ILL ADULT PATIENTS WITH MECHANICAL VENTILATION IN MEDICAL ICU**  
Dorji Harnod<sup>1</sup>, Ya Lan Yang<sup>2,3</sup>, Tzu Tao Chen<sup>2</sup>, Kun Ta Lee<sup>2</sup> (1. Department of Emergency and Critical Care Medicine, Taipei Medical University Hospital - Shuang Ho Hospital, Taiwan, 2. Taipei Medical University Hospital - Shuang Ho Hospital, Taiwan, 3. Graduate Institute of Food Science and Technology, National Taiwan University, Taiwan)
- TJ01-6 Predictors and outcomes of acute brain injury in patients on venoarterial extracorporeal membrane oxygenation after cardiopulmonary resuscitation**  
Chia-Yu Ou, Meng-Ta Tsai, Yi-Chen Wang, Jun-Neng Roan, Chung-Dann Kan, Yu-Ning Hu (Division of Cardiovascular Surgery, Department of Surgery, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan)

Chairs : Yu-Chang Yeh (Department of Anesthesiology, National Taiwan University Hospital, Taipei, Taiwan)  
Yuki Kotani (Department of Intensive Care Medicine, Kameda Medical Center, Kamogawa, Japan)

- TJ02-1 Effectiveness of PRE-DELIRIC guided SMART/SmART Care in Reducing Delirium Incidence among Surgical Intensive Care Unit Patients**  
Man-Ling Wang<sup>1</sup>, Wei-Ling Hsiao<sup>2</sup>, Yeur-Hur Lai<sup>3</sup>, Yu-Chang Yeh<sup>1</sup> (1. Department of Anesthesiology, National Taiwan University Hospital, Taipei, Taiwan, 2. Department of Nursing, National Taiwan University Hospital, Taipei, Taiwan, 3. Department of Nursing, National Taiwan University Hospital, Taipei, Taiwan & Department of Nursing, National Taiwan University Cancer Center, Taipei, Taiwan)
- TJ02-2 Evaluation of circulating miRNAs that regulate sepsis based on mRNA-microRNA integration analysis**  
Sayaka Oda<sup>1</sup>, Yutaka Umemura<sup>2</sup>, Junpei Yoshimura<sup>3</sup>, Yumi Mitsuyama<sup>3</sup>, Hisatake Matsumoto<sup>3</sup>, Daisuke Okuzaki<sup>4</sup>, Hiroshi Ogura<sup>3</sup>, Susumu Tanaka<sup>1</sup>, Jun Oda<sup>3</sup> (1. The Oral and Maxillofacial Surgery, Osaka University Graduate School of Dentistry, Japan, 2. Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School of Medicine, Division of Trauma and Surgical Critical Care, Osaka General Medical Center, Japan, 3. Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School of Medicine, Japan, 4. Osaka University Immunology Frontier Research Center, Japan)
- TJ02-3 Lung Stress Mapping: innovative technology to visualize a hidden risk of ventilator-induced lung injury**  
Takashi Maezawa<sup>1</sup>, Takeshi Yoshida<sup>2</sup>, Haruka Hashimoto<sup>2</sup>, Hirohumi Iwata<sup>2</sup>, Andi Muhammad Fadlillah Firtioqusran<sup>1</sup>, Kriti Shrestha<sup>1</sup>, Yukiko Koyama<sup>2</sup>, Yuji Fujino<sup>2</sup> (1. Department of Anesthesiology and Intensive Care Medicine, Osaka University Graduate School of Medicine, Japan, 2. Department of Anesthesiology and Intensive Care Medicine, Osaka University Hospital, Japan)
- TJ02-4 Phenotypes of Post Intensive Care Syndrome in Sepsis ICU Survivors: A One-Year Follow-Up Multicenter Cohort Analysis - ILOSS Study**  
Keibun Liu<sup>1,2,3</sup>, Takaya, Nakashima<sup>4</sup>, Tadahiro Goto<sup>1</sup>, Kensuke Nakamura<sup>5</sup>, Hiroshi Kamijo<sup>6</sup>, Ayaka Matsuoka<sup>7</sup>, Kenzo Ishii<sup>8</sup>, Yasunari Morita<sup>9</sup>, Takayuki Ogura<sup>10</sup>, Toru Kotani<sup>11</sup>, The ILOSS Study Group (1. Non-Profit Organization ICU Collaboration Network (ICON), Tokyo, Japan, 2. Critical Care Research Group, The Prince Charles Hospital, Brisbane, Australia, 3. Institute for Molecular Bioscience (IMB), The University of Queensland, Brisbane, Queensland, Australia, 4. TXP Medical Co. Ltd., Tokyo, Japan, 5. Department of Critical Care Medicine, Yokohama City University Hospital, Kanagawa, Japan, 6. Department of Emergency and Critical Care Medicine, Shinshu University School of Medicine, Nagano, Japan, 7. Department of Emergency and Critical Care Medicine, Saga University Hospital, Saga, Japan, 8. Department of Anesthesiology, Intensive Care Unit, Fukuyama City Hospital, Hiroshima, Japan, 9. Department of Emergency and Intensive Care Medicine, National Hospital Organization Nagoya Medical Center, Nagoya, Japan, 10. Department of Emergency Medicine and Critical Care Medicine, Tochigi prefectural emergency and critical care center, Saiseikai Utsunomiya Hospital, Tochigi, Japan, 11. Department of Intensive Care Medicine, Showa University School of Medicine, Tokyo, Japan)
- TJ02-5 Continuous and Non-invasive Peripheral Blood Flow Monitoring Using Diffuse Correlation Spectroscopy in Hypovolemic Shock: An Animal Study**  
Hiroki Matsushita<sup>1</sup>, Koki Kurono<sup>2</sup>, Mikie Nakabayashi<sup>3</sup>, Shohei Yokota<sup>1</sup>, Hidetaka Morita<sup>1</sup>, Kei Sato<sup>1</sup>, Yuki Yoshida<sup>1</sup>, Masashi Ichinose<sup>4</sup>, Yumie Ono<sup>2</sup>, Keita Saku<sup>1</sup> (1. Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Japan, 2. School of Science and Technology, Meiji University, Japan, 3. Graduate School of Science and Technology, Meiji University, Japan, 4. School of Business Administration, Meiji University, Japan)
- TJ02-6 Neutralizing antibodies against SARS-CoV-2 in healthcare workers in Taiwan**  
Ho-Chang Kuo<sup>1,2</sup> (1. Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, 2. Chang Gung University, Kaohsiung, Taiwan)

**March 16 (Sat.) 15 : 20 ~ 16 : 20 Room 7 Royton Sapporo 2F Crystal Room B**  
**Poster session**

Chairs : Wei-Tien Chang (Department of Emergency Medicine, National Taiwan University Hospital)  
Satoshi Kimura (Department of Anesthesiology, Kyoto University Hospital)

- TJP-1 Tackling Thirst: Improving Post-Extubation Care After General Anesthesia in Surgical Settings.**  
Wei Ling Hsiao<sup>1,2,3</sup>, Man-Ling Wang<sup>4</sup>, Yu-Chang Yeh<sup>5</sup> (1. Department of Nursing, National Taiwan University Hospital, Taipei, Taiwan, 2. School of Nursing, National Taiwan University College of Medicine, Taipei, Taiwan, 3. Department of Trauma Intensive Care Medicine, National Taiwan University Hospital, Taipei, Taiwan, 4. Department of Anesthesiology, National Taiwan University Hospital, Taipei, Taiwan, 5. Department of Anesthesiology, National Taiwan University Hospital, Taipei, Taiwan, Department of Surgical Intensive Care Medicine, National Taiwan University Hospital, Taipei, Taiwan)
- TJP-2 Pre-admission predictors of walking independence among critically ill patients in an emergency and critical care center: A prospective cohort study**  
Ryuji Yoshinaga<sup>1,6</sup>, Narumi Yamada<sup>2</sup>, Yutaro Momoeda<sup>3</sup>, Yoshifumi Kubota<sup>4</sup>, Chikaaki Nakamichi<sup>1</sup>, Masatoshi Hanada<sup>5,6</sup>, Ryo Kozu<sup>5,6</sup> (1. Department of Rehabilitation Medicine, National Hospital Organization Nagasaki Medical Center, Omura, Japan, 2. Department of Emergency Medicine, National Hospital Organization Ureshino Medical Center, Japan, 3. Department of Nursing, National Hospital Organization Nagasaki Medical Center, Japan, 4. Department of Emergency Medicine, National Hospital Organization Nagasaki Medical Center, Japan, 5. Department of Rehabilitation Medicine, Nagasaki University Hospital, Japan, 6. Department of Physical Therapy Science, Nagasaki University Graduate School of Biomedical Sciences, Japan)
- TJP-3 The difference of coronary artery status between out-of-hospital cardiac arrest patients with and without ST-segment elevation**  
Yaw-Ren Hsu<sup>1</sup>, Chien-Hua Huang<sup>2</sup>, Han-Lin Yao<sup>2</sup>, Yi-Wen Wu<sup>2</sup>, Wen-Jone Chen<sup>3</sup>, Wei-Tien Chang<sup>2</sup>, Min-Shan Tsai<sup>2</sup> (1. Department of Medical Education, National Taiwan University Hospital, Taiwan, 2. Department of Emergency Medicine, National Taiwan University Hospital, Taiwan, 3. Department of Emergency Medicine, National Taiwan University Hospital, Taiwan; Department of Internal Medicine (Cardiology division), National Taiwan University Medical College and Hospital, Taipei, Taiwan)
- TJP-4 Diagnostic excellence in critical care: Erdheim-Chester Disease presenting with cardiac tamponade.**  
Hidetaka Yanagi, Takihiko Miyagawa, Yusuke Owada, Ryohei Tomita, Saki Manabe, Masayuki Oki, Hideki Ozawa (Department of Internal Medicine, Tokai University School of Medicine, Japan)
- TJP-5 Revolutionizing Tracheal Suctioning: The SPUTA VACUUMER® Offers a Minimally-Invasive and Cost-Effective Solution**  
Naoyuki Ishikita<sup>1,2,3</sup> (1. Division of Medical Device Innovation, Department of Clinical Research, National Hospital Organization, Niigata National Hospital, 2. Center for Advanced Medical Engineering Research & Development (CAMED), Kobe University Graduate School of Medicine / Faculty of Medicine, 3. CEO, STONY & Co.)

- TJP-6 An Epidemiological Study on Incidence, Predictors, and Prognosis of Ventilator-Associated Pneumonia in Intensive Care Unit: A Prospective Cohort in Egypt**  
 Mohamed Elsheikh<sup>1,2</sup>, Akira Kuriyama<sup>3</sup>, Yoshihito Goto<sup>1</sup>, Yoshimitsu Takahashi<sup>1</sup>, Mayumi Toyama<sup>1</sup>, Yoshitaka Nishikawa<sup>1</sup>, Mohamed Ahmed El Heniedy<sup>4</sup>, Yasser Mohamed Abdelraouf<sup>5</sup>, Hiroshi Okada<sup>6</sup>, Takeo Nakayama<sup>1</sup> (1. Department of Health Informatics, Graduate School of Medicine and Public Health, Kyoto University, Kyoto, Japan, 2. Department of Emergency Medicine and Traumatology, Faculty of Medicine, Tanta University, Tanta, Egypt, 3. Department of Primary Care and Emergency Medicine, Kyoto University Hospital, Kyoto, Japan, 4. Department of Vascular Surgery, Faculty of Medicine, Tanta University, Tanta, Egypt, 5. Department of Internal Medicine, Faculty of Medicine, Tanta University, Tanta, Egypt, 6. Department of Pharmaceutical Sciences, Wakayama Medical University, Wakayama, Japan)
- TJP-7 Predicting the probability of endotracheal tube insertion in the emergency department using Gradient Boosting Classifier.**  
 Po-Kuang Chen<sup>1</sup>, Shih-Hsien Sung<sup>2</sup>, Ling Chen<sup>3</sup> (1. Department of Emergency Medicine, Kuang Tien General Hospital, Taiwan, 2. Institute of Emergency and Critical Care Medicine, National Yang Ming Chiao Tung University, Taiwan, 3. Institute of Hospital and Health Care Administration, National Yang Ming Chiao Tung University, Taiwan)
- TJP-8 A Rare Case of Hemodynamic Collapse following Sugammadex Administration**  
 Kai-Po Chang<sup>1</sup>, Marc Shaw<sup>2</sup>, Chia-Sheng Chang<sup>1</sup>, Cheesang Ho<sup>1</sup>, Kar-Lok Wong<sup>1</sup> (1. Department of Anesthesia, Kuang Tien General Hospital (since 1913), Taiwan, 2. Department of Anesthesia, Kuang Tien General Hospital, Taiwan)
- TJP-9 Age is associated with dexmedetomidine-related cardiovascular adverse events**  
 Jay Ming-chieh Yang<sup>1,2</sup>, Min-Li Liu<sup>3</sup> (1. Division of Critical Care Medicine, E-Da Cancer Hospital, I-Shou University, Kaohsiung, Taiwan, 2. School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan, 3. Department of Pharmacy, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan)
- TJP-10 Painless acute type A aortic dissection presented with dizziness**  
 ShrMei Tsai (Nursing Department, Changhua Christian Hospital, Taiwan)
- TJP-11 Validation and Application of the Subtle STEMI Formula in Taiwanese Populations**  
 Liang Jyun Huang<sup>1</sup>, Chia-Tung Wu<sup>2</sup> (1. School of Medicine, Chang Gung University, Taiwan, 2. Department of Cardiology, Linkou Chang Gung Memorial Hospital, Taiwan)
- TJP-12 Diaphragmatic hernia after thoracoabdominal aortic aneurysm surgery with secondary pneumothorax due to intestinal perforation: a case report**  
 Kazuki Nishimura, Satoshi Hayasaka, Shunsuke Noguchi, Makoto Kenmochi, Akira Watabe (Department of Anesthesiology, KKR Sapporo Medical Center, Japan)
- TJP-13 Acute central airway obstruction due to bleeding following tracheostomy managed using urgent veno-venous extracorporeal membrane oxygenation: A case report**  
 Ken Katsuta<sup>1</sup>, Motoo Fujita<sup>2</sup>, Masakazu Kobayashi<sup>1</sup>, Keisuke Yamamoto<sup>3</sup>, Yasushi Kudo<sup>1</sup>, Shigeki Kushimoto<sup>2</sup> (1. Department of Emergency and Critical Care, Tohoku University Hospital, Japan, 2. Department of Emergency and Critical Care, Tohoku University Hospital, Division of Emergency and Critical Care Medicine, Tohoku University Graduate School of Medicine, Japan, 3. Division of Emergency and Disaster Medicine, Tohoku Medical and Pharmaceutical University, Japan, 4. Department of Emergency Medicine, Osaki Citizen Hospital, Japan)
- TJP-14 Targeted Temperature Management for Traumatic Asphyxia: A Case Report**  
 Yoshiaki Yoshioka<sup>1,2</sup>, Go Makishi<sup>1</sup>, Kazuhiro Shiga<sup>1</sup>, Tatsuya Hayakawa<sup>1</sup> (1. Department of Emergency Medicine, Seirei Mikatahara General Hospital, Japan, 2. Department of Acute Care Surgery, Seirei Hamamatsu General Hospital, Japan)
- TJP-15 The nursing process for caring for a patient with necrotizing fasciitis and an amputation.**  
 Yu Jen Chu (National Taiwan University Hospital, Taipei, Taiwan)



**March 16 (Sat.) 16 : 25 ~ 16 : 40 Room 7 Royton Sapporo 2F Crystal Room B**  
**Closing & Award ceremony**