

# [English Session]

Feb 23, 2018 (Fri) 9 : 00 ~ 10 : 00 Room 10 (#105/Makuhari Messe Conference Hall 1F)

English Session 1 (EngO1) Basic research/ Case report, etc

Chair Eizo Watanabe (Department of Emergency and Critical Care Medicine, Eastern Chiba Medical Center, Japan)

- EngO1-1 Remote ischemic preconditioning decrease LPS induced-acute lung injury  
Yun Hee Kim, Kuen Su Lee, Woon Young Kim, Yoon Sook Lee, Choon Hak Lim (Department of Anaesthesiology and Pain Medicine, Korea University Medical Center, Korea)
- EngO1-2 Prevention of intestinal apoptosis in sepsis leads to improved barrier function via altered tight junction expression  
Shunsuke Otani<sup>1</sup>, Benyam Joseph<sup>1</sup>, Nathan J. Klingensmith<sup>1</sup>, Ching-wen Chen<sup>1</sup>, Deena Chihade<sup>1</sup>, Zhe Liang<sup>1</sup>, Craig Coopersmith<sup>1,2</sup> (1. Department of Surgery, Emory University, USA, 2. Emory Critical Care Center, Emory University, USA)
- EngO1-3 Radical resection of ruptured cholangiolocellular carcinoma: A rare case of a primary hepatic tumor  
Shota Akabane, Takushiro Ban, Shunsaku Kouriki, Hiroyuki Tanemura, Haruhiro Nakazaki, Masayuki Nakano, Nobuaki Shinozaki (Shonan Fujisawa Tokushukai Hospital, Japan)
- EngO1-4 Pure red cell aplasia in a Jehovah's Witness treated with recombinant erythropoietin products after intra-abdominal bleeding  
Tae Sun Ha (Sooncheonhyang University Bucheon Hospital, Division of Critical Care Medicine, Department of General Surgery, Korea)
- EngO1-5 Cardiac arrest from succinylcholine-induced hyperkalemia in a patient with Guillain-Barré syndrome  
Ryotaro Kato (Itabashi Chuo Medical Center, Japan)
- EngO1-6 Corticosteroids applied on endotracheal tubes to prevent postoperative sore throat: a meta-analysis  
Akira Kuriyama<sup>1</sup>, Hirokazu Maeda<sup>2</sup> (1. Emergency and Critical Care Center, Kurashiki Central Hospital, Japan, 2. Department of Emergency Medicine, Sugita Genpaku Memorial Obama Municipal Hospital, Japan)
- EngO1-7 Effect of patient-directed interactive music therapy on sleep quality of critically ill patients  
Jeongmin Kim<sup>1</sup>, Dain Choi<sup>1</sup>, Kyeongyoon Woo<sup>1</sup>, Ga Eul Yoo<sup>2</sup>, Myung Sun Yeo<sup>2</sup>, Soo Ji Kim<sup>3</sup>, Sungwon Na<sup>1</sup> (1. Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine, Korea, 2. Department of Music Therapy, Graduate School, Ewha University, Korea, 3. Music Therapy Education, Graduate School of Education, Ewha University, Korea)

Feb 23, 2018 (Fri) 10 : 00 ~ 11 : 05 Room 10 (#105/Makuhari Messe Conference Hall 1F)

English Session 2 (EngO2) Monitoring

Chair Toshihiko Mayumi (Department of Emergency Medicine, School of Medicine University of Occupational and Environmental Health, Japan)

- EngO2-1 Downregulation of MMP-9 level and GCS improvement in severe traumatic brain injury due to the mild hypothermia therapy  
Eko Prasetyo<sup>1</sup>, Andi Asadul Islam<sup>2</sup>, Mochammad Hatta<sup>3</sup>, Djoko Widodo<sup>4</sup>, Ilhamjaya Pattelongi<sup>5</sup> (1. Departement of Surgery, Division of Neurosurgery, Faculty of Medicine, University of Sam Ratulangi, Indonesia, 2. Departement of Surgery, Division of Neurosurgery, Faculty of Medicine, University of Hasanuddin, Indonesia, 3. Molecular Biology and Immunology Laboratory, Faculty of Medicine, University of Hasanuddin, Indonesia, 4. Departement of Surgery, Division of Neurosurgery, Faculty of Medicine, University of Hasanuddin, Indonesia, 5. Departement of Surgery, Division of Neurosurgery, Faculty of Medicine, University of Sam Ratulangi/ Departement of Physiology, Faculty of Medicine, University of Hasanuddin, Indonesia)
- EngO2-2 Segmentation based respiration volume estimation using depth camera  
Kyeong Taek Oh<sup>1</sup>, Jeongmin Kim<sup>2</sup>, Sun Kook Yoo<sup>1</sup>, Kyeong Yoon Woo<sup>2</sup>, Cheung Soo Shin<sup>2</sup> (1. Department of Medical Engineering, Yonsei University College of Medicine, Korea, 2. Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine, Korea)
- EngO2-3 A new potential of proportional assist ventilation plus (PAV+): Can we use it as a monitor?  
Tadahiro Kobayashi<sup>1</sup>, Kento Sakaguchi<sup>1</sup>, Kazunori Takahashi<sup>1</sup>, Taro Matsuuchi<sup>2</sup>, Yu Onodera<sup>2</sup>, Ryo Akimoto<sup>2</sup>, Hiroto Suzuki<sup>2</sup>, Masaki Nakane<sup>1</sup>, Kaneyuki Kawamae<sup>2</sup> (1. Department of Emergency and Critical Care Medicine, Yamagata University Faculty of Medicine, Japan, 2. Department of Anesthesiology, Yamagata University Faculty of Medicine, Japan)
- EngO2-4 Age related changes in tissue oxygen saturation measured by dynamic near infrared spectroscopy following general anesthesia  
Ah-Reum Cho, Hyeon-Jeong Lee, Wangseok Do, Soeun Cheon, Jae-Young Kwon, Hae-Kyu Kim (Department of Anesthesia and Pain Medicine, Pusan National University Hospital, Korea)
- EngO2-5 Is your decision changed by hemodynamic parameters from transpulmonary thermodilution (TPTD) technique?  
Ye Rim Chang<sup>1</sup>, Sung Wook Chang<sup>2</sup> (1. Department of Surgery, Trauma Center, Dankook University Hospital, Korea, 2. Department of Thoracic and Cardiovascular Surgery, Trauma Center, Dankook University Hospital, Korea)

- EngO2-6 Low level of meropenem concentration in brain dead organ donors: A single center pharmacokinetic study  
Jae-Myeong Lee<sup>1</sup>, Joo Won Lee<sup>2</sup>, Tae Suk Chung<sup>2</sup>, Eun Sook Bang<sup>3</sup>, So Hee Kim<sup>2</sup> (1. Department of Surgery, Korea University Anam Hospital, Korea University College of Medicine, Korea, 2. College of Pharmacy and Research Institute of Pharmaceutical Science and Technology, Ajou University, Korea, 3. Office of Pharmacy, Ajou University Hospital, Korea)
- EngO2-7 Fluid restriction is associated with delayed postoperative early mobilization in the high care unit  
Yoko Tsukada<sup>1</sup>, Marie Tanaka<sup>1</sup>, Nao Nishi<sup>1</sup>, Kenji Wakabayashi<sup>2</sup>, Hideo Takahashi<sup>2</sup>, Hidenobu Shigemitsu<sup>2</sup> (1. Intensive Care Unit, Tokyo Medical and Dental University Medical Hospital, Japan, 2. Department of Intensive Care Medicine, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan)
- EngO2-8 Reducing unnecessary urinary catheters in Japanese intensive care units: a multicenter interventional study  
Akira Kuriyama<sup>1</sup>, Daisuke Kawakami<sup>2</sup>, Hiroshi Iwasaki<sup>3</sup>, Masaaki Sakuraya<sup>4</sup>, Masahiro Irie<sup>5</sup> (1. Emergency Intensive Care Unit, Kurashiki Central Hospital, Japan, 2. Department of Anesthesiology, Kobe City Medical Center General Hospital, Japan, 3. Critical Care Center, Kobe City Medical Center General Hospital, Japan, 4. Department of Emergency Service/ Intensive Care Unit, JA Hiroshima General Hospital, Japan, 5. Department of Anesthesiology, Kurashiki Central Hospital, Japan)

Feb 23, 2018 (Fri) 14 : 00 ~ 14 : 50 Room 10 (#105/Makuhari Messe Conference Hall 1F)

English Session 3 (EngO3) ECMO · CRRT

Chair Toshiyuki Aokage (Critical Care & Emergency Medicine, Tokyo Metropolitan Children's Medical Centre, Japan)

- EngO3-1 Extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest in Thailand: A case report  
K. Vongkulbhisal, A. Komindr, J. Saoraya, P. Palungwachira, N. Lumlertgul, P. Chattranukulchai, P. Chatrkaw, C. Sirinawin, N. Srisawat, S. Lumlertkul (Faculty of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Thailand)
- EngO3-2 Two cases of right ventricular infarction with or without veno-arterial extracorporeal membrane oxygenation support  
Akihiro Hayashida, Misako Toki, Daisuke Tokura, Takahiro Kawamoto, Kousuke Nakajima, Atsushi Hirohata, Taichi Sakaguchi, Keizou Yamamoto, Kiyoshi Yoshida (The Sakakibara Heart Institute of Okayama, Japan)
- EngO3-3 Blood stream infection in patients treated with extracorporeal membrane oxygenation for acute respiratory failure  
Soo Jin Na<sup>1</sup>, Chi Ryang Chung<sup>1</sup>, Hee Jung Choi<sup>2</sup>, Yang Hyun Cho<sup>3</sup>, Jeong Hoon Yang<sup>1,4</sup>, Gee Young Suh<sup>1,5</sup>, Kyeongman Jeon<sup>1,5</sup> (1. Department of Critical Care Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea, 2. Intensive Care Unit Nursing Department, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea, 3. Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea, 4. Division of Cardiology, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea, 5. Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)
- EngO3-4 Blood stream infection in adult patients receiving extracorporeal membrane oxygenation support  
Chih-Hsien Wang<sup>1</sup>, Ling-Yi Wei<sup>2</sup>, Yih-Sharng Chen<sup>1</sup> (1. Cardiovascular Surgery, National Taiwan University Hospital, Chinese Taipei, 2. Cardiovascular Surgery, National Taiwan University Hospital- Hsinchu Branch, Chinese Taipei)
- EngO3-5 Risk of CRBSI in CRRT : A prospective study  
Jihyun Yang<sup>1</sup>, Hyunmyung Park<sup>2</sup>, Yu Ra Choi<sup>2</sup> (1. Department of Internal Medicine, Division of Nephrology, Korea University Anam Hospital, Korea, 2. Department of Intensive Care Unit Nursing, Korea University Anam Hospital, Korea)
- EngO3-6 The modified RESP score for predicting survival in patients with acute respiratory failure on ECMO: A Korean multicenter study  
Moon Seong Baek<sup>1</sup>, Chi Ryang Chung<sup>2</sup>, Hwa Jung Kim<sup>3</sup>, Woo Hyun Cho<sup>4</sup>, Young-Jae Cho<sup>5</sup>, Sunghoon Park<sup>6</sup>, Seung Yong Park<sup>7</sup>, Byung Ju Kang<sup>8</sup>, Jung-Hyun Kim<sup>9</sup>, Sang-Bum Hong<sup>1</sup> (1. Department of Pulmonary and Critical Care Medicine, Asan Medical Center, Korea, 2. Department of Critical Care Medicine, Samsung Medical Center, Korea, 3. Department of Clinical Epidemiology and Biostatistics, Asan Medical Center, Korea, 4. Department of Internal Medicine, Pusan National University Yangsan Hospital, Korea, 5. Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Seoul National University Bundang Hospital, Korea, 6. Division of Pulmonary and Critical Care Medicine, Department of Medicine, Hallym University Sacred Heart Hospital, Korea, 7. Department of Internal Medicine, Chonbuk National University Hospital, Korea, 8. Division of Pulmonology, Department of Internal Medicine, Ulsan University Hospital, Korea, 9. Division of Pulmonary and Critical Care Medicine, Department of Medicine, Bundang CHA Hospital, Korea)

Feb 23, 2018 (Fri) 14 : 50 ~ 15 : 50 Room 10 (#105/Makuhari Messe Conference Hall 1F)

English Session 4 (EngO4) RRS/ Clinical study

Chair Takamitsu Kodama (Medical Safety Management Office, Aichi Medical University, Japan)

EngO4-1 Can a part-time rapid response system prevent postoperative sudden cardiopulmonary arrest?

Ji wook Kim (Interdepartment of Critical Care Medicine, Seoul National University Bundang Hospital, Department of Anesthesiology and Pain Medicine, Seoul National University Bundang Hospital, Korea)

EngO4-2 (Withdrawn)

EngO4-3 Weekend effect: Does it exist in the surgical intensive care unit at an academic tertiary care teaching hospital?

Kaori Ito<sup>1,2</sup> (1. Department of Surgery, Division of Acute Care Surgery, Henry Ford Hospital/ Wayne State University, USA, 2. Department of Emergency Medicine, Teikyo University School of Medicine, Japan)

EngO4-4 Rapid response team patients analysis related to intervention time (From detection of deteriorating cause time to RRT arrival time)

S. C. Kim, E. H. Peck, M. R. Han, E. J. Jang, E. H. Kang, Y. S. Lee, S. J. Lee, Y. A. Heo, S. H. Namgung, S. H. Seo (St. Mary's Advanced Life Support Team, Korea)

EngO4-5 End of life cares in intensive care units in China, Korea, and Japan

So Young Park<sup>1</sup>, Jason Phua<sup>2</sup>, Masaji Nishimura<sup>3</sup>, Yiyun Deng<sup>4</sup>, Keiichi Tada<sup>5</sup>, Yan Kang<sup>4</sup>, Younsuck Koh<sup>6</sup>, ACME Study Investigators and Asian Critical Care Clinical Trials Group (1. Department of Pulmonary and Critical Care Medicine, Kyung Hee University Medical Center, Korea, 2. Division of Respiratory and Critical Care Medicine, University Medicine Cluster, National University Hospital, National University Health System, Singapore, Singapore, 3. Emergency and Critical Care Medicine, Tokushima University Graduate School, Japan, 4. West China Hospital of Sichuan University, P.R. China, 5. Hiroshima Sea Side Hospital, Japan, 6. Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)

EngO4-6 Determining brain death by novel apnea test with PEEP valve

Jin Park (Department of Critical care medicine, Ewha Womans University Hospital, Korea)

EngO4-7 One approach for the early mobilization of ICU patients: Away from the ICU, together with family

Nobuko Sasano<sup>1</sup>, Yuko Kato<sup>2</sup>, Masami Yasuda<sup>3</sup>, Ichiro Sakamoto<sup>3</sup>, Akemi Tanaka<sup>2</sup> (1. Department of Critical Care Medicine, Nagoya City West Medical Center, Japan, 2. Department of Anesthesia, Nagoya City West Medical Center, Japan, 3. Department of Rehabilitation, Nagoya City West Medical Center, Japan)