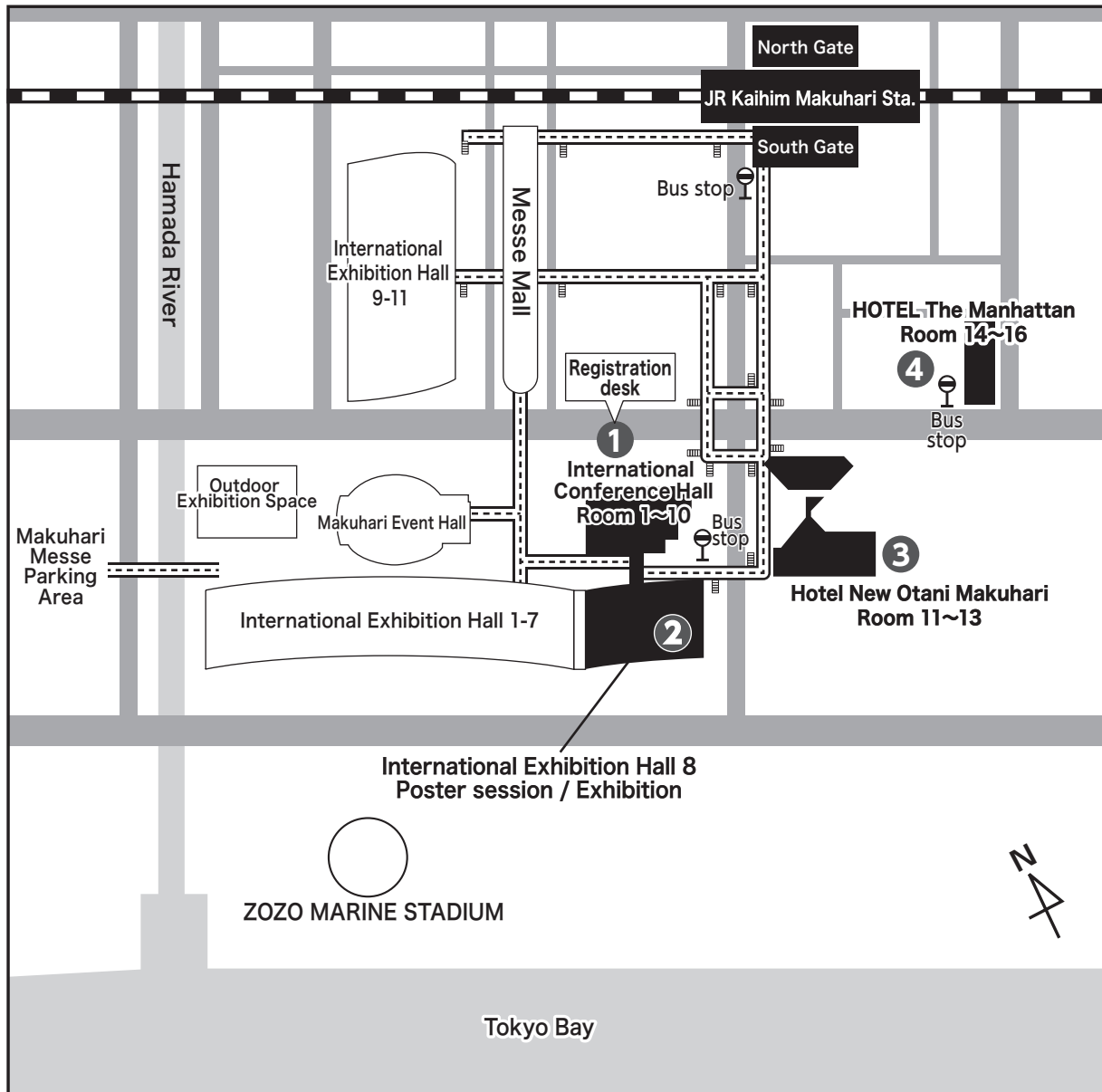


**The 45th Annual Meeting of the
Japanese Society of Intensive Care Medicine**

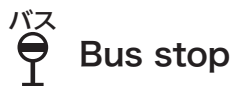
February 21-23, 2018/Makuhari, Chiba, Japan

ENGLISH PROGRAM

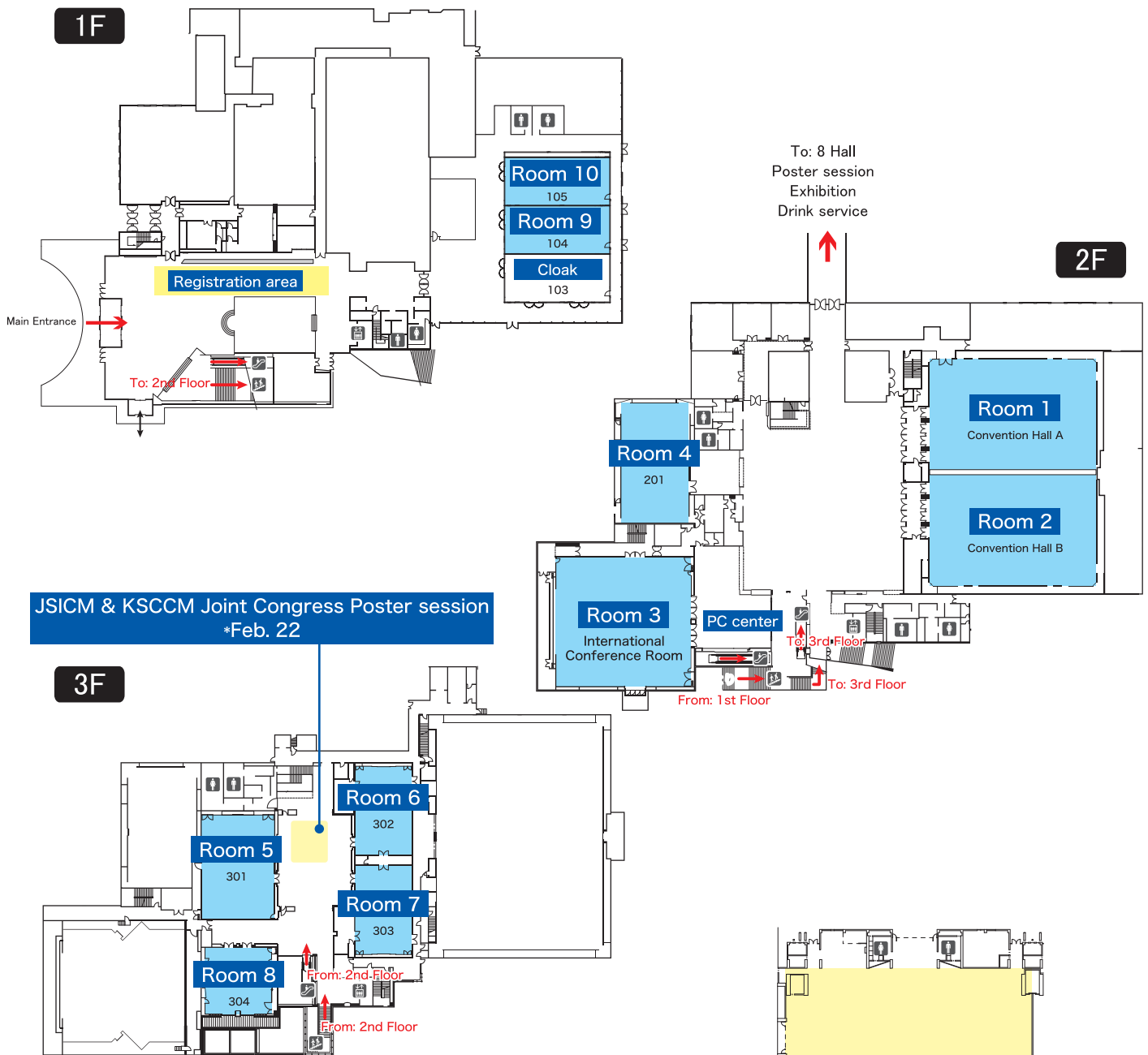
AREA MAP



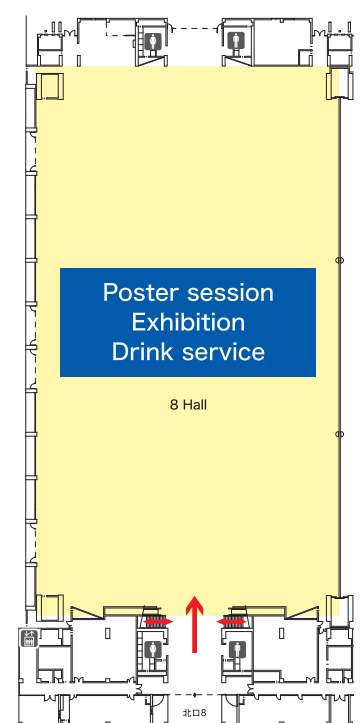
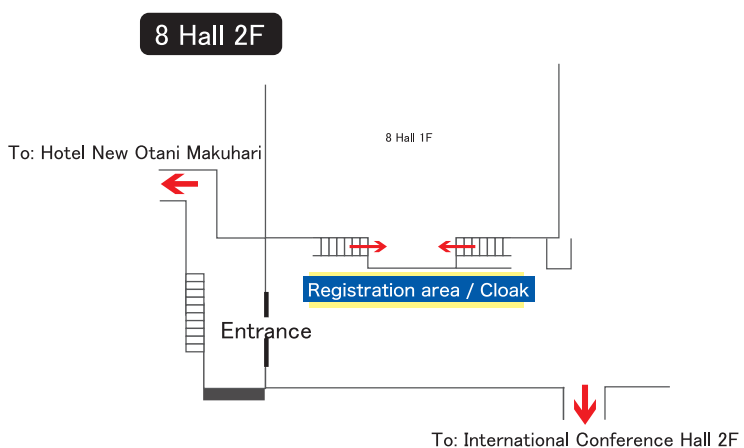
Shuttle bus service is available between JR station, Makuhari Messe and Hotel The Manhattan.



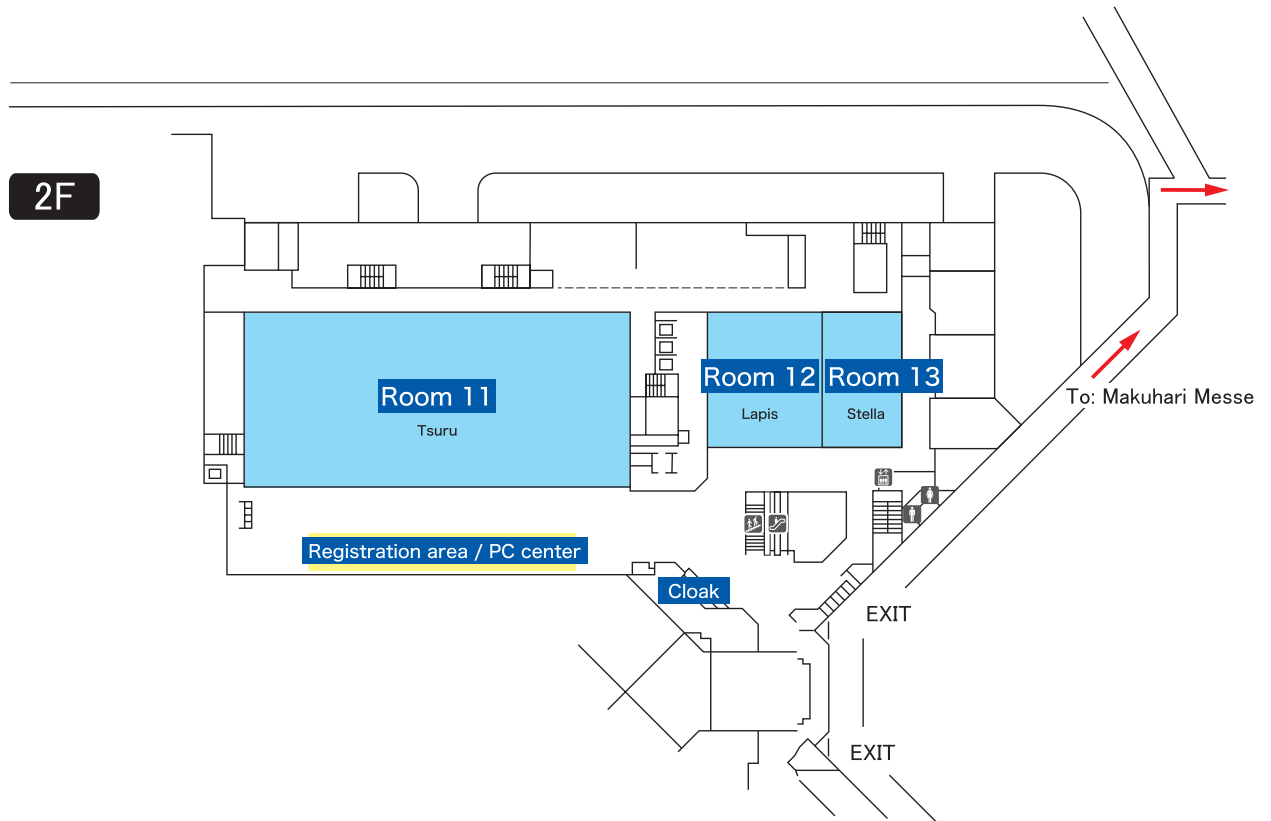
Makuhari Messe International Conference Hall



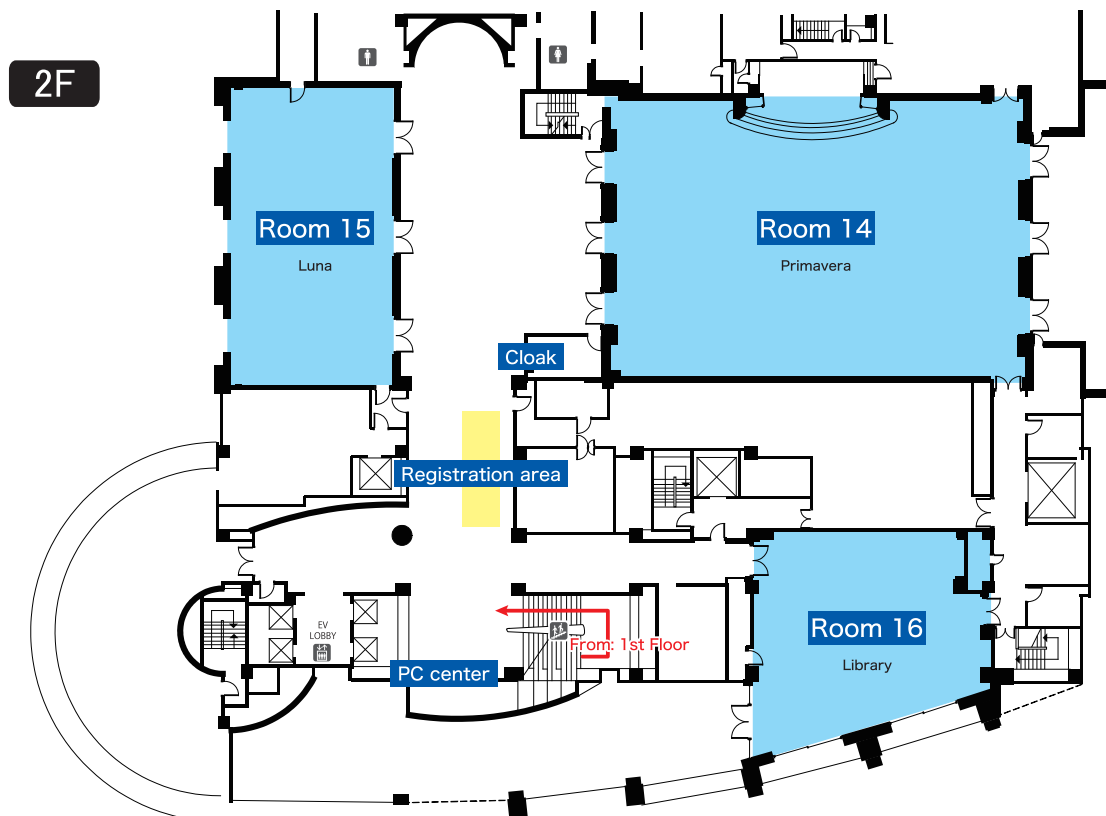
Makuhari Messe International Event Hall



Hotel New Otani Makuhari



Hotel The Manhattan



<Instructions for Speakers in the Oral Sessions>

All presentations and presentation data should be in English.

Only PC presentation will be available. Slide projector, overhead projector and video cannot be used.

1) Compatible personal computers

*Windows: Bring your own PC or the data saved in the USB memory. Any other media cannot be used. In order to avoid the virus infection, please scan your data with updated anti-virus software beforehand. If your presentation data includes the video, please bring your own PC.

*Macintosh: Bring your own PC. Do not bring the data only.

2) Video and sound

Video and sound functions will be available.

3) Instructions for those who bring the USB memory (Windows only)

PCs with Windows 10 and Microsoft PowerPoint will be used. The monitor size is XGA (1024x768). Be sure that all the data appears on the screen without any defect under this environment.

<Fonts>

Times New Roman, Century, Century Gothic or Arial is highly recommended to avoid screen layout imbalance.

<Data Size>

The maximum data size is 640 MB.

<Registration of Presentation Data >

For registration of your presentation data, visit the PC Center of the building where your presentation is assigned.

Register your presentation data **at latest 30 minutes prior to your presentation.** Check that all your presentation data appears on the screen properly, especially if the data was originally created in a Macintosh and converted to the Windows format.

All installed data will be deleted by the Secretariat after the Meeting.

<At Your Presentation>

Be ready on the **Next Speakers' Seats** near the speaker's podium in the assigned room **at latest 15 minutes prior to your presentation.**

PowerPoint and your presentation data will be ready on the speaker's podium. Handle your presentation data by yourself, using the mouse and keyboard. Laser pointer will be available too.

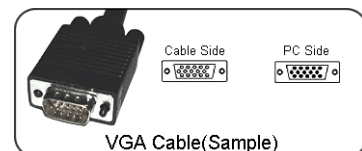
4) Instructions for those who bring their own PC

Bring your PC with the AC adaptor and auxiliary output adaptor (D-sub 15 pin). If necessary, be sure to bring a connector.

The monitor size is XGA (1024x768). For proper data projection, please adjust your screen setting to XGA.

Cancel your screen saver, power saving setting and Wi-Fi connection in advance, especially if your data includes video and sound.

Be sure to **bring the back-up in Windows format for your data** just in case.



<Registration and Return of Personal Computer>

So as to test the connection and check your presentation data, visit the PC Center of the building where your presentation is assigned at latest 30 minutes prior to your presentation.

Your PC will be posted with a name tag by the PC staff to avoid the confusion. Receive the receipt and pick up your PC in **exchange of the receipt** at the PC Desk of the presentation room after your presentation. Be sure not to forget to pick up your PC.

<At Your Presentation>

Please be ready on the **Next Speakers' Seats** near the speaker's podium in the assigned room **at latest 15 minutes prior to your presentation.**

PowerPoint and your presentation data will be ready on the speaker's podium. Handle your presentation data by yourself, using the mouse and keyboard. Laser pointer will be available too.

5) PC Center

	Feb. 21	Feb. 22	Feb. 23
① Makuhari Messe International Conference Hall 2F	7:50-18:30	8:30-18:00	8:30-16:00
② Hotel New Otani Makuhari 2F	8:30-18:00	8:30-17:30	8:30-12:30
③ Hotel The Manhattan 2F	8:30-17:30	8:30-17:30	8:30-11:30

*Use the PC Center of the building where your presentation is assigned.

★Do not bring the tablet nor smartphone.

★To avoid any trouble caused by the PC diversity, be sure to visit the PC Center.

<Instructions for Presenters in the Poster Sessions>

All posters must be prepared in English.

1) How to prepare the posters:

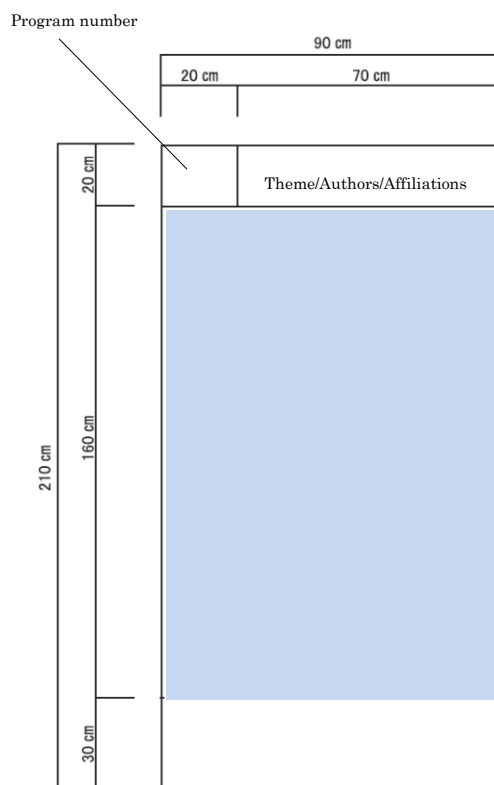
- The poster board space available to each poster is 90 cm (3 ft) width and 180 cm (6 ft) height.
- Only the program number (Ex. JKP1-1) will be posted by the Secretariat at the assigned space. Use the poster board with your program number.
- Each poster must be labeled by authors with the title of presentation, authors' names and their affiliations.
- All the materials should be simply and clearly prepared. Only thin papers or hard cards can be used. Do not use a heavy material.

2) How to set-up and remove the poster materials:

- Note that authors are responsible for setting up and removing their posters.
- Tacks will be provided by the Secretariat.
- Please set-up and remove the posters during the following period.
February 22 Set-up 8 : 30 – 10 : 30
Removal 17 : 00 – 18 : 00
- Moderated presentation will be held. Seven minutes (4 minutes presentation + 3 minutes discussion) will be allocated to each poster.
- All materials which have not removed during the removal period will be disposed.

3) For the poster presentation

- Visit the Poster Reception Desk in front of Room#5 on the 3F of Makuhari Messe International Conference Hall **at latest 13:50 on February 22**.



<Instructions for Chairs >

All sessions must be organized in English.

<Oral sessions>

Be ready on the **Next Chairs' Seats** near the chairs' table in the assigned room **at latest 15 minutes prior to your session**.

Please be sure to organize your sessions according to the allocated time-schedule. Time-keeping system is available only for free communications according to the allocated time-schedule: eight minutes (5 minutes presentation + 3 minutes discussion for each presentation).

<Poster sessions in the 18th Joint Scientific Congress of the JSICM and KSCCM >

Visit the Poster Reception Desk in front of Room#5 on the 3F of Makuhari Messe International Conference Hall **at latest 13:50 on February 22**.

Please be sure to organize your sessions according to the allocated time-schedule: seven minutes (4 minutes presentation + 3 minutes discussion) for each presentation.

< Sessions in English >

【February 21, 2018】

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

9 : 00 – 9 : 50

Invited Lecture 3 Nutrition in the ICU – Towards individualized nutrition

Claude Pichard

(Clinical Nutrition Department, Geneva University Hospital, Switzerland)

Chaired by: Toshiaki Ikeda (Tokyo Medical University Hachioji Medical Center)

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

10 : 00 - 10 : 50

Invited Lecture 4 Temperature management in critically ill patients with acute brain injury

Kees H. Polderman

(Department of Critical Care Medicine, University of Pittsburgh Medical Center, USA)

Chaired by: Yasuhiro Kuroda (Kagawa University)

Sponsored by: IMI Co., Ltd.

February 21 / Room 1 (Makuhari Messe Conference Hall 2F Convention Hall A)

11 : 00 – 11 : 50

Invited Lecture 1 Sepsis induced DIC and anticoagulants

Jerrold H. Levy (Duke University School of Medicine, USA)

Chaired by: Toshiaki Iba (Juntendo University)

Sponsored by: Nihon Pharmaceutical Co., Ltd.

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

11 : 00 - 11 : 50

Invited Lecture 5 Liberation from mechanical ventilation: Protocol based weaning

Younsuck Koh

(Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)

Chaired by: Hidetoshi Shiga (Teikyo University Medical Center)

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 2 Newer techniques of hemodynamic monitoring

Rinaldo Bellomo (The University of Melbourne, Australia)

Chaired by: Hiroshi Morimatsu (Okayama University)

Sponsored by: Edwards Lifesciences Corporation

February 21 / Room 6 (Makuhari Messe Conference Hall 3F #302)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 5-1 Physiological advances in ventilation and circulation interactions during CPR

Jean-Christophe Marie Richard

(Emergency and ICU Department, General Hospital, Annecy Genevois, France)

Educational (Luncheon) Seminar 5-2 Emerging ventilation strategy during cardiopulmonary resuscitation

Shin-ichiro Ohshimo (Hiroshima University)

Chaired by: Tetsuya Sakamoto (Teikyo University)

Sponsored by: IMI Co., Ltd.

February 21 / Room 14 (Hotel The Manhattan 2F Primavera)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 12 Advanced EM practices as PICS prevention

Margaret Arnold (Inspire Outcomes LLC, USA)

Chaired by: Ryo Kozu (Nagasaki University)

Sponsored by: Paramount Bed Co., Ltd.

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

14 : 00 - 14 : 50

Invited Lecture 6 Advanced EM practices as PICS prevention

Margaret Arnold (Inspire Outcomes LLC, USA)

Chaired by: Akemi Utsunomiya (St. Luke's International University)

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

14 : 50 - 15 : 40

Invited Lecture 7 ECPR the past and the future trend

Yih-Sharnng Chen (National Taiwan University, Chinese Taipei)

Chaired by: Tetsuya Sakamoto (Teikyo University)

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

15 : 40 - 16 : 30

Invited Lecture 8 Extracorporeal therapy of sepsis: Update and perspective

Steffen Mitzner

(Division of Nephrology and Fraunhofer Project Group "Extracorporeal Immunomodulation", Department of Medicine, University of Rostock, Germany)

Chaired by: Satoshi Gando (Hokkaido University)

February 21 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

16 : 30 - 17 : 30

Pros & Cons 1 Acute glycemic control in diabetics; How sweet is optimal

Chaired by: Masamitsu Sanui (Jichi Medical University Saitama Medical Center)

PC1-1 Pro: Sweeter is better in diabetes

Rinaldo Bellomo (Austin Hospital and The University of Melbourne, Australia)

PC1-2: Con: Just as sweet as in non-diabetic is better

Moritoki Egi (Kobe University)

【February 22, 2018】

February 22 / Room 2 (Makuhari Messe Conference Hall 2F Convention Hall B)

10 : 40 - 11 : 30

Invited Lecture 11 The gut as the motor of sepsis

Craig Coopersmith (Emory University School of Medicine, USA)

Chaired by: Hiroshi Morisaki (Keio University)

February 22 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

10 : 40 - 11 : 30

Invited Lecture 12 The role of erythropoietin in trauma

Rinaldo Bellomo (Austin Hospital and The University of Melbourne, Australia)

Chaired by: Nobuaki Shime (Hiroshima University)

February 22 / Room 1 (Makuhari Messe Conference Hall 2F Convention Hall A)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 15 Importance of lung protection during mechanical ventilation, focusing on driving pressure and synchrony

Marcelo Britto Passos Amato

(CardioPulmonary Department, Incor - Heart Institute, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil)

Chaired by: Masaki Nakane (Yamagata University Hospital)

Sponsored by: Covidien Japan, Inc.

February 22 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

Educational (Luncheon) Seminar 16 Precision therapy for endotoxic shock: Role of polymyxin B hemoperfusion

Claudio Ronco (San. Bortolo Hospital, Italy)

Chaired by: Toshiaki Ikeda (Tokyo Medical University Hachioji Medical Center)

Sponsored by: Toray Industries, Inc./ Toray Medical Co., Ltd.

February 22 / Room 5 (Makuhari Messe Conference Hall 3F #301)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 18 Acute heart failure: Where do we go from here?

W. Frank Peacock (Baylor College of Medicine, USA)

Chaired by: Naoki Sato (Nippon Medical School Musashi Kosugi Hospital)

Sponsored by: Koninklijke Philips N.V.

February 22 / Room 12 (Hotel New Otani Makuhari 2F Lapis)

12 : 30 - 13 : 30

Educational (Luncheon) Seminar 24 Opening a window to the injured brain: The emerging role of automated quantitative pupillometry

Mauro Oddo

(Department of Intensive Care Medicine, Clinical Research Unit Neuroscience Critical Care Research Group Centre, Hospitalier Universitaire Vaudois (CHUV)-University Hospital, University of Lausanne, Faculty of Biology and Medicine, Switzerland)

Chaired by: Mayuki Aibiki (Ehime University)

Sponsored by: IMI Co., Ltd.

February 22 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

15 : 00 - 15 : 50

Invited Lecture 13 What went wrong with physiology: Is there any new hope for high PEEP trials?

Marcelo Britto Passos Amato

(University of São Paulo-Heart Institute (INCOR), Brazil)

Chaired by: Kaneyuki Kawamae (Yamagata University)

Sponsored by: Covidien Japan, Inc.

February 22 / Room 1 (Makuhari Messe Conference Hall 2F Convention Hall A)

15 : 05 - 15 : 55

Invited Lecture 9 Genetic polymorphisms identify patients at risk and suggest novel therapy for sepsis

Keith R. Walley

(Centre for Heart Lung Innovation, University of British Columbia, Canada)

Chaired by: Hiroyuki Hirasawa

(Chiba University/International University of Health and Welfare)

February 22 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

15 : 50 - 16 : 40

Invited Lecture 14 Evolution of extracorporeal therapies in critically ill patients

Claudio Ronco (Department of Nephrology and IRRIV, San Bortolo Hospital, Italy)

Chaired by: Ken-ichi Matsuda (University of Yamanashi)

February 22 / Room 1 (Makuhari Messe Conference Hall 2F International Conference Room)

16 : 00 - 16 : 50

Invited Lecture 10 Fluid challenges: Do they give any benefit?

Maurizio Cecconi (St. George's University Hospital, NHS Foundation Trust, UK)

Chaired by: Yasuyuki Kakihana (Kagoshima University)

February 22 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

16 : 40 - 17 : 30

Invited Lecture 15 Hyperkalemia: Here come the binders.

W. Frank Peacock (Baylor College of Medicine, USA)

Chaired by: Naoki Sato (Nippon Medical School Musashi Kosugi Hospital)

February 22 / Room 8 (Makuhari Messe Conference Hall 3F #304)

17 : 00 - 18 : 00

Meet the Experts 1 Health Datathons: bringing doctors and data scientists together

Leo Anthony G. Celi (MIT, USA)

Christina Chen (MIT, USA)

Chen Xie (MIT, USA)

Facilitated by: Hidenobu Shigemitsu (Tokyo Medical & Dental University)

February 22 / Room 9 (Makuhari Messe Conference Hall 1F #104)

17 : 00 - 18 : 00

Meet the Experts 2 Often, Less is More in Critical Care

Younsuck Koh

(Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)

Chaired by: Masaji Nishimura (Tokushima University)

Facilitated by: Moritoki Egi (Kobe University)

February 22 / Room 10 (Makuhari Messe Conference Hall 1F #105)

17 : 00 - 18 : 30

Meet the Experts 3 The international difference on the management of sepsis-associated DIC

Facilitated by: Toshiaki Iba (Juntendo University)

Yuuichiro Sakamoto (Saga University)

Sponsored by: Nihon Pharmaceutical Co., Ltd.

ME3-1 Keynote Lecture 1

Jerrold H. Levy (Duke University School of Medicine, USA)

ME3-2 Keynote Lecture 2

Kazuma Yamakawa (Osaka General Medical Center)

ME3-3 Commentary

Hiroyuki Koami (Saga University)

【February 23, 2018】

February 23 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

9 : 00 - 9 : 50

Invited Lecture 16 The MIMIC Data: Building blocks for artificial intelligence in the ICU

Leo Anthony G. Celi

(Division of Pulmonary, Critical Care and Sleep Medicine, Beth Israel Deaconess Medical Center, USA)

Chaired by: Satoru Hashimoto (Kyoto Prefectural University of Medicine)

February 23 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

9 : 55 - 10 : 45

Invited Lecture 17 Critical care medicine in an aging society

Chae-Man Lim

(Asan Medical Center, University of Ulsan College of Medicine, Korea)

Chaired by: Hitoshi Imaizumi (Tokyo Medical University)

February 23 / Room 3 (Makuhari Messe Conference Hall 2F International Conference Room)

10 : 50 - 11 : 40

Invited Lecture 18 Recent updated in perioperative critical care medicine

Sahadol Poonyathawon

(Department of Anesthesiology, Faculty of Medicine, Chulalongkorn University, Thailand)

Chaired by: Naoyuki Matsuda (Nagoya University)

The 18th Joint Scientific Congress of the JSICM and KSCCM

[Symposium]

Feb 22, 2018 (Thur) 9 : 00 ~ 11 : 00 Room 5 (#301/Makuhari Messe Conference Hall 3F)

Symposium (JKSY) Pediatric airway and lung diseases

Chair Satoshi Nakagawa (National Center for Child Health and Development)

June Dong Park (Seoul National University College of Medicine)

JKSY-1 Upper airway problems in PICU

Won Kyoung Jhang (Asan Medical Center Children's Hospital, University of Ulsan College of Medicine)

JKSY-2 Can high flow nasal cannula oxygen therapy substitute for noninvasive positive pressure ventilation in children?

Norimasa Kurosaka (Department of Pediatric Intensive Care, Nagano Children's Hospital)

JKSY-3 Changing definition of ARDS: Better than before?

Kyung Won Kim (Yonsei University College of Medicine)

JKSY-4 Lung protective ventilatory strategy guided by pleural pressure

Muneyuki Takeuchi (Department of Intensive Care Medicine, Osaka Women's and Children's Hospital)

The 18th Joint Scientific Congress of the JSICM and KSCCM

[Oral Presentation]

Feb 22, 2018 (Thur) 11 : 00 ~ 11 : 50 Room 5 (#301/Makuhari Messe Conference Hall 3F)

Oral 1 (JKO1) Patient management

Chair Moritoki Egi (Department of Anesthesiology, Kobe University Hospital)

Younsuck Koh (Asan Medical Center, University of Ulsan College of Medicine)

- JKO1-1 Rhabdomyolysis induced by hyperthermia associated with thermoregulatory failure in a patient with spinal cord injury
Junki Ishii, Yoshiko Kida, Shinichiro Ohshimo, Yuki Uchida, Yusuke Iwasaki, Kazuhiro Koyama, Satoshi Yamaga, Kohei Ota, Nobuaki Shime (Department of Emergency and Critical Care Medicine, Graduate School of Biomedical & Health Sciences, Hiroshima University)
- JKO1-2 Analysis of the development and progression of carbon monoxide poisoning-related acute kidney injury according to the kidney disease: Improving global outcomes (KDIGO) criteria: A retrospective cohort study
Won Young Kim¹, Youn-Jung Kim¹, Chang Hwan Sohn¹, Dong-Woo Seo¹, Bum Jin Oh¹, Kyoung Soo Lim¹, Jai Won Chang² (1. Department of Emergency Medicine, University of Ulsan College of Medicine, Asan Medical Center, 2. Division of Nephrology, Department of Internal Medicine, University of Ulsan College of Medicine, Asan Medical Center)
- JKO1-3 Risk factors of intensive care unit readmission after liver transplantation: A retrospective observational study
Young Gon Son¹, Hannah Lee¹, Seung Young Oh², Chul-Woo Jung¹, Ho Geol Ryu¹ (1. Department of Anesthesiology, Seoul National University College of Medicine, 2. Department of Surgery, Seoul National University College of Medicine)
- JKO1-4 The early rehabilitation program for liver transplant recipients
Hyunwoo Sun¹, Suk-kyung Hong¹, Nak-jun Choi¹, Hak-jae Lee¹, Jae-seok Lee¹, Sae-rom Park¹, Yun-jung Jung¹, Won Kim² (1. Division of Acute Care Surgery, Ulsan College of Medicine, Asan Medical Center, 2. Department of Surgery, Department of Rehabilitation, Ulsan College of Medicine, Asan Medical Center)
- JKO1-5 Prognostic factors of outcome in pediatric oncology patients with a pulmonary complication
Kyunghoon Kim, Hye Jin Lee, Jong-seo Yoon (Department of Pediatrics, College of Medicine, The Catholic University of Korea)
- JKO1-6 Independent risk factors for the shivering occurrence during induction period in out-of-hospital cardiac arrest survivors treated with targeted temperature management
Youn-Jung Kim¹, Jin Mi Park², Min Soo Kim¹, Seung Mok Ryoo¹, Young Soon Park², Sung Sook Kim², Yeo Ok Kim², Won Young Kim¹ (1. Department of Emergency Medicine, University of Ulsan College of Medicine, Asan Medical Center, 2. Division of Nephrology, Department of Internal Medicine, University of Ulsan College of Medicine, Asan Medical Center)

Feb 22, 2018 (Thur) 15 : 00 ~ 15 : 50 Room 5 (#301/Makuhari Messe Conference Hall 3F)

Oral 2 (JKO2) Circulation

Chair Kent Doi (Department of Acute Medicine, The University of Tokyo)

Jong Hun Jun (Department of Anesthesiology and Critical Care Medicine, Hanyang University Hospital)

- JKO2-1 Postoperative atrial fibrillation induced by Valsalva maneuver after cardiac surgery
Yuki Nakamori, Hiroyuki Mima, Takahiro Shimozono, Hiroshi Ueta, Daisuke Kawakami (Department of Anesthesiology, Kobe City Medical Center General Hospital)
- JKO2-2 B-type natriuretic peptide as a predictor for early and late outcomes after cardiac surgery
Ju Yong Lim, Pil Je Kang, Sung Ho Jung, Suk Jung Choo, Cheol Hyun Chung, Jae Won Lee, Joon Bum Kim (Departments of Thoracic and Cardiovascular Surgery, Asan Medical Center, University of Ulsan College of Medicine)
- JKO2-3 Association of vitamin D and parathyroid hormone with infarction-related arrhythmia in patients with acute myocardial infarction
Jin Wi, Dong-Ho Shin, Jung-Sun Kim, Byeong-Keuk Kim, Young-Guk Ko, Donghoon Choi, Myeong-Ki Hong, Yangsoo Jang (Division of Cardiology, Department of Internal Medicine, Yonsei University College of Medicine)
- JKO2-4 Early start of chest compressions before definitive cardiac arrest improved survival from out-of-hospital cardiac arrest witnessed by emergency medical service
Hideo Inaba¹, Tetsuo Maeda¹, Keisuke Ohta², Yasuhiro Myojo² (1. Department of Circulatory Emergency and Resuscitation Science, Kanazawa University Graduate School of Medicine, 2. Emergency Medical Center, Ishikawa Prefecture Central Hospital)

- JKO2-5 The additive effect of atropine sulfate during cardiopulmonary resuscitation in the out-of-hospital cardiac arrest adult patients with non shockable rhythm
Takao Yano¹, George Endo², Yasuhiro Nagamine², Hidenobu Ochiai³ (1. Department of Emergency Center and Critical Care Medicine, Miyazaki Prefectural Nobeoka Hospital, 2. Department of Emergency Center, Miyazaki Prefectural Nobeoka Hospital, 3. Department of Emergency Center, Miyazaki University Hospital)
- JKO2-6 Benefits of prehospital epinephrine in cases with emergency medical service-performed defibrillation
Hideo Inaba¹, Tetsuo Maeda¹, Keisuke Ohta², Yasuhiro Myojo² (1. Department of Circulatory Emergency and Resuscitation Science, Kanazawa University Graduate School of Medicine, 2. Emergency Medical Center, Ishikawa Prefecture Central Hospital)

Feb 22, 2018 (Thur) 15 : 50 ~ 16 : 40 Room 5 (#301/Makuhari Messe Conference Hall 3F)

Oral 3 (JKO3) Respiration

Chair Masaji Nishimura (Critical Care & Emergency Medicine, Tokushima University Graduate School)

Gee Young Suh (Department of Critical Care Medicine, Director of Center for Critical Care, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine)

- JKO3-1 Non-invasive ventilation during difficult weaning in chronic critically ill patients
Sung Wook Kang¹, Hee-Young Yoon¹, Sang-Bum Hong¹, Younsuck Koh¹, Chae-Man Lim¹, Hee Jung Suh², Ga Jin Seo², Eun Young Kim², Jin-Won Huh¹ (1. Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, 2. Respiratory Care Services, Asan Medical Center)
- JKO3-2 Current status of NIV use in Korean ICUs: Interim analysis
Sunghoon Park, Hyeon Seung Nam, Ji Young Park, Seung Hun Jang, Yong Il Hwang, Ki-Suck Jung (Department of Pulmonary, Allergy and Critical Care, Hallym University Sacred Heart Hospital)
- JKO3-3 Risk factors for PICU admission in patients treated with high flow nasal cannula in general wards at a children's hospital
Noboru Matsumoto, Yoshiyuki Shimizu, Yu Inata, Takeshi Hatachi, Kazue Moon, Jun Takeshita, Takaaki Akamatsu, Hiromi Miyoshi, Muneyuki Takeuchi (Department of Intensive Care Medicine, Osaka Women's and Children's Hospital)
- JKO3-4 Role of serum Activin-A levels in ARDS patients
Jee-Min Kim, Sun Mi Choi, Jinwoo Lee, Young Sik Park, Chang Hoon Lee, Jae-Joon Yim, Chul-Gyu Yoo, Young Whan Kim, Sung Koo Han, Sang-Min Lee (Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Seoul National University Hospital)
- JKO3-5 Case series: Upper body cannulation VA ECMO in patients waiting for lung transplantation
Kyung Hun Nam¹, Younsuck Koh¹, Chae-Man Lim¹, Jin-Won Huh¹, Sung Ho Jung², Pil-Je Kang², Ju Yong Lim², Sang-Bum Hong¹ (1. Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, 2. Department of Thoracic and Cardiovascular Surgery, Asan Medical Center, University of Ulsan College of Medicine)
- JKO3-6 The effect of multidisciplinary extracorporeal membrane oxygenation team on clinical outcomes in patients with severe acute respiratory failure
Gee Young Suh¹, Soo Jin Na¹, Chi Ryang Chung¹, Hee Jung Choi², Yang Hyun Cho³, Kiick Sung³, Jeong Hoon Yang¹, Kyeongman Jeon¹ (1. Department of Critical Care Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, 2. Center for Intensive Care, Samsung Medical Center, 3. Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine)

Feb 22, 2018 (Thur) 16 : 40 ~ 17 : 30 Room 5 (#301/Makuhari Messe Conference Hall 3F)

Oral 4 (JKO4) Basic research/ Infection

Chair Shigeki Fujitani (Department of Emergency and Critical Care Medicine, St. Marianna University School of Medicine)

Chae-Man Lim (Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine)

- JKO4-1 The effect on monocyte with early application of adsorption filter in swine trauma model
Do Wan Kim, Gwan Sic Kim, Kook Joo Na, In Seok Jeong (Department of Thoracic and Cardiovascular Surgery, Chonnam National University Hospital)
- JKO4-2 Recombinant thrombomodulin prevents acute lung injury induced by renal ischemia reperfusion injury
Naoki Hayase, Kent Doi, Takahiro Hiruma, Ryo Matsuura, Eisei Noiri, Yoshifumi Hamasaki, Masaomi Nangaku, Naoto Morimura (Department of Acute Medicine, The University of Tokyo, Department of Nephrology and Endocrinology, The University of Tokyo)

- JKO4-3 Septic serum contains suppressive factor which specifically affects extracellular ATP-dependent inflammasome pathway
Ho Minh Van¹, Nobuyuki Hirohashi¹, Weng-Sheng Kong², Kohei Ota¹, Junji Itai¹, Satoshi Yamaga¹, Kei Suzuki¹, Koichi Tanigawa³, Masamoto Kanno^{2,3,4}, Nobuaki Shime¹ (1. Department of Emergency and Critical Care Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, 2. Department of Immunology, Graduate School of Biomedical and Health Sciences, Hiroshima University, 3. Japanese Agency for Medical Research and Development - Core Research for Evolutionary Science and Technology, 4. Japanese Agency for Medical Research and Development - Core Development of Advanced Measurement and Analysis Systems, 5. Fukushima Global Medical Science Centre, Fukushima Medical University)
- JKO4-4 Nonpulmonary organ failures and the development of acute respiratory distress syndrome in patients with bacteremia sepsis
Hyeon Seung Nam, Sunghoon Park, Ji Young Park, Seung Hun Jang, Ki-Suck Jung (Department of Pulmonary, Allergy and Critical Care, Hallym University Sacred Heart Hospital)
- JKO4-5 Clinical outcomes after initial treatment of methicillin-resistant *Staphylococcus aureus* infections
Nobuaki Shime^{1,2}, Nobuyuki Saito², Miya Bokui², Naoki Sakane², Mitsuhiro Kamimura², Tutomu Shinohara², Tadashi Kosaka², Hisashi Ishikura², Atsuko Kobayashi² (1. Hiroshima University, 2. The PORTRAIT study group)
- JKO4-6 Central line-associated complications in critically ill children: a comparison between peripherally inserted central catheters and central venous catheters
Hiromi Miyoshi, Yoshiyuki Shimizu, Jun Takeshita, Takeshi Hatachi, Yu Inata, Kazue Moon, Muneyuki Takeuchi (Department of Intensive Care Medicine, Osaka Women's and Children's Hospital)

[Poster Presentation]

Feb 22, 2018 (Thur) 14 : 00 ~ 14 : 50 Makuhari Messe Conference Hall 3F Atrium

Poster 1 (JKP1)

Chair Masaji Nishimura (Critical Care & Emergency Medicine, Tokushima University Graduate School)

Dong-Chan Kim (Department of Anesthesiology & Pain Medicine, Chonbuk National University Medical School & Hospital)

- JKP1-1 In vivo diagnosis of hemorrhage in blunt lung contusion model using fluorescence imaging
Taegyun Kim, Gil Joon Suh, Woon Yong Kwon, Kyung Su Kim, Yoon Sun Jung, Jung-In Ko, So Mi Shin (Division of Critical Care Medicine, Department of Emergency Medicine, Seoul National University Hospital)
- JKP1-2 The effects of melanocortin rc agonist BMS-470539 on immune-inflammatory response in septic neutrophil and mortality in septic mouse
Euna Jang¹, Jia Song¹, Tran Duc Tin², Hongbum Bae¹, Joungmin Kim¹, Sanghyun Kwak^{1,2} (1. Department of Anesthesiology and Pain Medicine, Chonnam National University Medical School & Hospital, 2. Brain Korea 21 Project, Center for Creative Biomedical Scientists at Chonnam National University)
- JKP1-3 An octogerian patient with acute myocardial infarction complicating cardiogenic shock
Go Ishimaru, Kenji Koura, Emiko Nakashima, Kentaro Onishi, Hiroyuki Okada, Hiroshi Inagaki, Nobuo Toshida, Toshihiko Takamoto (Soka Municipal Hospital)
- JKP1-4 Physiotherapist detects masquerading late laryngotracheal stenosis after cardiovascular surgery: a case report
Masato Nishizaki¹, Yasuhisa Okamoto² (1. Department of Rehabilitation, Otakanomori Hospital, 2. Department of Anesthesiology, Otakanomori Hospital)
- JKP1-5 Bladder tamponade in a patient with cognitive disorder receiving direct oral anticoagulant
Go Ishimaru, Kenji Koura, Emiko Nakashima, Kentaro Onishi, Hiroyuki Okada, Hiroshi Inagaki, Nobuo Toshida, Toshihiko Takamoto (Soka Municipal Hospital)
- JKP1-6 Successful rescue of patients with aortic stenosis falling to cardiac arrest by using extracorporeal membrane oxygenation: A case report
Kento Fukui¹, Tomoko Tomioka¹, Yoshitaka Ito¹, Hiroki Shioiri¹, Jiro Koyama¹, Satoshi Tsuchiya², Yasuharu Matsumoto², Kanichi Inoue¹ (1. Department of Cardiology, South-Miyagi Medical Center, 2. Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine)
- JKP1-7 Relationship between physical characteristics and external pressure to calf region using boot-support-type leg holder system in the middle lithotomy position
Ju Mizuno¹, Toru Takahashi² (1. Department of Anesthesiology and Pain Medicine, Juntendo University Faculty of Medicine, 2. Faculty of Health and Welfare Science, Okayama Prefectural University)

Feb 22, 2018 (Thur) 14 : 00 ~ 14 : 50 Makuhari Messe Conference Hall 3F Atrium

Poster 2 (JKP2)

Chair Takanari Ikeyama (Division of Pediatric Critical Care Medicine, Aichi Children's Health and Medical Center)
Sung Jin Hong (Catholic University of Korea College of Medicine)

- JKP2-1 Relative tachycardia is associated with poor neurologic outcome in post-cardiac arrest patients
Jung-In Ko¹, Kyung Su Kim¹, Gil Joon Suh^{1,4}, Woon Yong Kwon^{1,4}, Taegyun Kim¹, Kyuseok Kim^{2,4}, Jonghwan Shin^{3,4}, You Hwan Jo^{2,4} (1. Department of Emergency Medicine, Seoul National University Hospital, 2. Department of Emergency Medicine, Seoul National University Bundang Hospital, 3. Department of Emergency Medicine, Seoul Metropolitan Government-Seoul National University Boramae Medical Center, 4. Department of Emergency Medicine, College of Medicine, Seoul National University)
- JKP2-2 Correlation between saturation of brain tissue with near-infrared spectroscopy and ROSC in ambulance among out-hospital-cardiac arrest patients
Junpei Tsukuda, Yasuhiko Taira, Kentaro Okamoto, Takeshi Kawaguchi, Takaki Naito, Nobuhiko Simozawa, Kenichiro Morisawa, Shigeki Fujitani (Emergency and critical care medicine, St. Marianna University School of Medicine)
- JKP2-3 Prevention of CLABSI by quality improvement activity
Jung Hyun Lee, Youngok Kwon, Kyung Su Kim, Ga Young Um, Yoon Ah Woo, Ji Hyun Kim, Bo Ram Oh, Eun Jin Kim, Pyoeng Gyun Choe, Eun-Hee Jung (Seoul National University Hospital)
- JKP2-4 Comparison between transverse and vertical skin incision in percutaneous dilatational tracheostomy
Sung Yoon Lim¹, Seung-Hye Choi², Yeon Joo Lee¹, Ho Il Yoon¹, Jae Ho Lee¹, Choon-Taek Lee¹, Young-Jae Cho¹ (1. Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Seoul National University Bundang Hospital, 2. Department of Nursing, Semyung University)
- JKP2-5 Clinical usefulness of SpO₂/FiO₂ ratio in children with high-flow nasal cannula
Sun Ha Choi, Soo Yeon Kim, In Suk Sol, Yoon Hee Kim, Kyung Won Kim, Myung Hyun Sohn (Department of Pediatrics, Institute of Allergy, Brain Korea 21 PLUS Project for Medical Science, Yonsei University College of Medicine)
- JKP2-6 Risk of mortality associated with human coronaviruses in adults
Won-Il Choi (Keimyung University Dongsan Hospital)
- JKP2-7 Multidisciplinary rounds shorten ICU length of stay in a Japanese university tertiary hospital
Nobuhiro Shiota, Sachiyo Sato, Kenji Wakabayashi, Marie Tanaka, Yoko Tsukada, Mizuho Asada, Hidenobu Shigemitsu (Department of Critical Care Medicine, Tokyo Medical and Dental University)

Feb 22, 2018 (Thur) 14 : 00 ~ 14 : 50 Makuhari Messe Conference Hall 3F Atrium

Poster 3 (JKP3)

Chair Yuri Sakaki (Nippon Medical School Hospital)
Suk-Kyung Hong (Division of Acute Care Surgery, Department of Surgery, University of Ulsan College of Medicine, Asan Medical Center)

- JKP3-1 Is it hard law or soft law? – End-of-life care in Japan
Motoshi Kainuma (Executive Supervisor of Anesthesiology, Emergency Medicine, and Intensive Care Division, Inazawa Municipal Hospital)
- JKP3-2 Intensive care unit (ICU) nurses' death awareness, end-of-life stress and end-of-life nursing attitudes
Sera Kim¹, Mee Jin No¹, Hee Ju Cho¹, Young Park¹, Kyung Eun Moon¹, Soon Haeng Lee¹, Mi Young Shim² (1. Asan Medical Center, 2. Seoul National University Hospital)
- JKP3-3 Improving patient and family's understanding by using video when making decision about cardiopulmonary resuscitation (CPR) and discontinuing life-sustaining treatment
Youngmi Lee, Sookhyun Park, Geeyoung Suh, Misook Oui, Sunmi Park, Soojin Jeong, Soowon Jung, Chulhyun Kim (Medical Intensive Care Unit, Samsung Medical Center)
- JKP3-4 Nurses' experiences and educational needs regarding advance directives writing
Ga Young Um (Seoul National University Hospital)
- JKP3-5 The effects of facilitated sense-making intervention program for ICU family
Mimi Lee¹, Myungsun Lee², Miok Park¹, Hana Kim¹, Jinhee Yang¹ (1. Department of Nursing, Seoul National University Hospital, 2. Seoul National University College of Nursing)
- JKP3-6 Multidimensional factors influencing on burnout of intensive care unit nurses
Sera Kim, Jin Hee Hwang, Ae Ran, Soon Haeng Lee, Mi Kyung Jeon (Asan Medical Center)
- JKP3-7 Development of nursing skill through procedure simulation in the Intensive care units
Jin-young Nam, Kyungmin Shin, Kyunghea Lee, Sunyoung Kim, Sunghee Kim, Hana Bang, Junghwa Hwang (Severance Cardiovascular Hospital, Coronary Care Unit)

Chair Yu Inata (Department of Intensive Care Medicine, Osaka Women's and Children's Hospital)
Sungwon Na (Yonsei University College of Medicine)

- JKP4-1 Drug related serious adverse events that activated rapid response team
Jeongsu Kim^{1,2}, Sanghun Jung², Minjeong Kim², Mihwa Park², Jaehyeon Park¹, Jinhee Jang¹, Heebyeong Cho¹, Jaehwa Cho^{1,2} (1. Department of Hospital Medicine, Inha University Hospital, 2. Department of Pulmonary and Critical Care, Inha University Hospital)
- JKP4-2 Neutrophil-lymphocyte ratio and delirium in critically ill patients
Se Hee Na, Cheung Soo Shin (Yonsei University College of Medicine, Gangnam Severance Hospital, Department of Anesthesiology and Pain Medicine)
- JKP4-3 The effects of a delirium notification program of IDDM project on the clinical outcomes of the intensive care unit
Soo-Jeong Kim^{1,2}, Jaesub Park^{1,2}, Seung-Taek Oh¹, Jae-Jin Kim^{1,2}, Cheung Soo Shin³, Se Hee Na³, Jin Young Park^{1,2} (1. Department of Psychiatry and Institute of Behavioral Science in Medicine, Yonsei University College of Medicine, 2. Department of Psychiatry, Gangnam Severance Hospital, Yonsei University Health System, 3. Department of Anesthesiology and Pain Medicine, College of Medicine, Yonsei University)
- JKP4-4 Development of an evidence-based protocol for delirium management in intensive care unit
Na Ra Sin¹, Seon Gyeong Choe¹, Eun Kyoung Kim¹, Ji Eun Hong¹, Jung Yoen Kim¹, Eun Sung Kim¹, Pill Ja Kim¹, Yeon Soo Jang², Young Sam Kim³, Jeong Min Kim⁴ (1. Division of Nursing, Severance Hospital, Yonsei University Health System, 2. College of Nursing, Nursing Policy Research Institute, Yonsei University, 3. Division of Pulmonology, Department of Internal Medicine, Institute of Chest Disease, Severance Hospital, Yonsei University College of Medicine, 4. Department of Anesthesiology and Pain Medicine, Anesthesia and Pain Research Institute, Yonsei University College of Medicine)
- JKP4-5 Difficulties in trauma nursing experienced by expert nurses working in the critical care field in Japan
Koji Ishikawa¹, Natsuko Makino², Keiko Nakamura³, Miki Sugawara⁴ (1. Faculty of Health Sciences, Hokkaido University of Science, 2. Nursing Department, School of Health Sciences, Sapporo Medical University, 3. Graduate School of Nursing, Sapporo City University, 4. School of Nursing, Sapporo City University)
- JKP4-6 Translated two assessment tools using multidisciplinary back-translation method
Yujiro Matsuishi, Haruhiko Hoshino, Nobutake Shimojo, Yuki Enomoto, Takahiro Kido, Tetsuya Hoshino, Yoshiaki Inoue (Department of Emergency and Critical Care Medicine, Faculty of Medicine, University of Tsukuba)
- JKP4-7 Development of evidence-based guideline for fever management of critical adult patients with brain injury
Jung Min Lee¹, Yong Ae Cho², Ji Hyun Yoon³, Hye Ok Choi³, Nam Cho Kim⁴ (1. Department of Nursing, Samsung Medical Center, College of Nursing, The Catholic University of Korea, 2. Red Cross College of Nursing, Chung-Ang University, 3. Department of Nursing, Samsung Medical Center, 4. College of Nursing, The Catholic University of Korea)

[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 Otani¹, Benyam Joseph¹, Nathan J. Klingensmith¹, Ching-wen Chen¹, Deena Chihade¹, Zhe Liang¹, Craig Coopersmith^{1,2} (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 Kuriyama¹, Hirokazu Maeda² (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 Kim¹, Dain Choi¹, Kyeongyoon Woo¹, Ga Eul Yoo², Myung Sun Yeo², Soo Ji Kim³, Sungwon Na¹ (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 Prasetyo¹, Andi Asadul Islam², Mochammad Hatta³, Djoko Widodo⁴, Ilhamjaya Pattelongi⁵ (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 Oh¹, Jeongmin Kim², Sun Kook Yoo¹, Kyeong Yoon Woo², Cheung Soo Shin² (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 Kobayashi¹, Kento Sakaguchi¹, Kazunori Takahashi¹, Taro Matsuuchi², Yu Onodera², Ryo Akimoto², Hiroto Suzuki², Masaki Nakane¹, Kaneyuki Kawamae² (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 Chang¹, Sung Wook Chang² (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 Lee¹, Joo Won Lee², Tae Suk Chung², Eun Sook Bang³, So Hee Kim² (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 Tsukada¹, Marie Tanaka¹, Nao Nishi¹, Kenji Wakabayashi², Hideo Takahashi², Hidenobu Shigemitsu² (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 Kuriyama¹, Daisuke Kawakami², Hiroshi Iwasaki³, Masaaki Sakuraya⁴, Masahiro Irie⁵ (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 Na¹, Chi Ryang Chung¹, Hee Jung Choi², Yang Hyun Cho³, Jeong Hoon Yang^{1,4}, Gee Young Suh^{1,5}, Kyeongman Jeon^{1,5} (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 Wang¹, Ling-Yi Wei², Yih-Sharng Chen¹ (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 Yang¹, Hyunmyung Park², Yu Ra Choi² (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 Baek¹, Chi Ryang Chung², Hwa Jung Kim³, Woo Hyun Cho⁴, Young-Jae Cho⁵, Sunghoon Park⁶, Seung Yong Park⁷, Byung Ju Kang⁸, Jung-Hyun Kim⁹, Sang-Bum Hong¹ (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^{1,2} (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 Park¹, Jason Phua², Masaji Nishimura³, Yiyun Deng⁴, Keiichi Tada⁵, Yan Kang⁴, Younsuck Koh⁶, 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 Sasano¹, Yuko Kato², Masami Yasuda³, Ichiro Sakamoto³, Akemi Tanaka² (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)