The 46th Annual Meeting of the
Japanese Society of Intensive Care Medicine

March 1-3, 2019/Kyoto, Japan

ENGLISH PROGRAM
ANNOUNCEMENT FOR PARTICIPATION

1. Those without name cards cannot join the JSICM2019 Meeting.

2. Website application and online abstract book is available from February 20, 2019. Keyword for online search is ‘jsicm46’ or ‘jsicm2019’. The designated password is required to access the online abstracts and will be announced to all the invited chairs and speakers and online registrants accordingly.

3. To join the <Presidential Program> Lunchtime Seminars & Luncheon Seminars, ticket will be required. Ticket-vending machines will be allocated near the registration desks and in the Main Entrance aisle of the Kyoto International Conference Center. Tickets will come to be invalid when the seminars start. Distribution time is as follows:
   
   May 1 7:50~12:10
   May 2 8:15~12:10
   May 3 8:15~12:10 (Only at the Kyoto International Conference Center)
   
   No tickets will be required for the evening seminars.

4. Cloak will be operated as follows:

   New Hall of the International Conference Center Kyoto  
   March 1 7:50~19:00  March 2 8:15~21:00  March 3 8:15~18:30
   B2F Lobby of the Grand Prince Hotel Kyoto  
   March 1 7:50~18:30  March 2 8:15~18:30  March 3 ×

5. Get-together Party will be held on March 2 evening in the New Hall of the Kyoto International Conference Center. It will start at 19:00.

6. Commercial Exhibition will be held in the Event Hall, Banquet Hall ‘Sakura’ (1F), Main Lounge (1F) and Lounge (1F), Medicine-Engineering Cooperative Exhibition in the Lobby of the Annex Hall of the Kyoto International Conference Center, and Book Sales Booth in the Event Hall and Banquet Hall ‘Sakura’ (1F) of the Kyoto International Conference Center and B2F Lobby of the Grand Prince Hotel Kyoto. The operation time is as follows:

   May 1 9:00~19:00
   May 2 8:30~19:00
   May 3 9:00~16:00 (Only at the Kyoto International Conference Center)

7. Shuttle-bus service will be available on March 1 and 2 between the Main Entrance of the Kyoto International Conference Center and the Main Entrance of the Grand Prince Hotel Kyoto. The operation time is as follows:

   May 1 7:50~19:00 every 10 mins.
   May 2 8:15~19:00 every 10 mins.
10. Travel Information Desk will be provided in the Main Lounge (IF) of the Kyoto International Conference Center.
   The operation time is as follows:
   
   May 1 9 : 00~18 : 00
   May 2 9 : 00~18 : 00
   May 3 9 : 00~16 : 00

11. Services to enhance the program proceeding will be available in the sessions with the following icon:

   1) 🎧: simultaneous translation between English and Japanese

   2) 📈: ARS (audience response system)

   3) 📹: live streamed (password appeared in the name card will be necessary; use earphone/on-demand streamed before March 3 24:00)

   4) 🔔: (only for the JSICM members/after the Meeting) on-demand streamed

12. Note:

   1) No-smoking in the Meeting area
   2) No cellphone in the presentation rooms
   3) No paging
   4) No recording, photographing and recording of the presentation materials
INSTRUCTIONS FOR CHAIRS & SPEAKERS

< Instructions for Chairs >

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 the English Sessions: Ten minutes (7 minutes presentation + 3 minutes discussion for each presentation).

<Instructions for Speakers >

All presentation and presentation data should be in English.

Time-keeping system is available for the English Sessions: Ten minutes (7 minutes presentation + 3 minutes discussion for each presentation).

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 either PC Center.
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. Note that the Presenter View CANNOT be used.

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 either PC Center 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. Bring your PC to the PC Desk of your presentation room, receive the receipt and pick up your PC in exchange of the receipt there. 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.
Your presentation data will be ready on the speaker’s podium. Handle your presentation data by yourself, using the mouse and keyboard. Presenter View cannot be used. Laser pointer will be available.

5) PC Center

<table>
<thead>
<tr>
<th></th>
<th>March 1</th>
<th>March 2</th>
<th>March 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>① International Conference Center New Hall</td>
<td>7:50-18:20</td>
<td>8:15-18:00</td>
<td>8:15-16:00</td>
</tr>
<tr>
<td>② Grand Prince Hotel Kyoto B2F</td>
<td>8:45-18:20</td>
<td>8:15-18:35</td>
<td>×</td>
</tr>
</tbody>
</table>

*Presentation data can be checked in at either Center.

★DO NOT bring the tablet nor smartphone.
★To avoid any trouble caused by the PC diversity, be sure to visit the PC Center.
【Invited Lecture】

March 1 (Fri) 9:00 ~ 9:50  Presentation Room 2  （Room A, Kyoto International Conference Center 2F）
Invited Lecture 1 (IL(E) 1)  chaired by:  Shin Nunomiya  （Jichi Medical University）
*Simultaneous translation between English and Japanese available
New sedation and delirium recommendations from the 2018 Society of Critical Care Medicine PADIS Guidelines
Dale M. Needham  （Johns Hopkins University, USA）

March 1 (Fri) 15:05 ~ 15:55  Presentation Room 2  （Room A, Kyoto International Conference Center 2F）
Invited Lecture 2 (IL(E) 2)  chaired by:  Yuji Fujino  （Osaka University）
*Simultaneous translation between English and Japanese available
What went wrong with ART, EPIVENT2 and PReVENT: Are the recent trials on lung protection contradicting lung physiology
Marcelo Britto Passos Amato  （University of São Paulo Heart Institute  （INCOR）, Brazil）

March 1 (Fri) 16:00 ~ 16:50  Presentation Room 2  （Room A, Kyoto International Conference Center 2F）
Invited Lecture 3 (IL(E) 3)  chaired by:  Ichiro Kuwahira  （Tokai University）
*Simultaneous translation between English and Japanese available
Electrical impedance tomography:  The past, the present and the future
Inéz Frerichs  （University Medical Centre Schleswig-Holstein, Germany）

March 1 (Fri) 9:00 ~ 10:00  Presentation Room 5  （Room D, Kyoto International Conference Center 1F）
Invited Lecture 4 (IL(E) 4)  chaired by:  Hiroshi Morimatsu  （Okayama University）
*Simultaneous translation between English and Japanese available
-1 Update from TSCCM:  Current status of rapid response system in Thailand
Thammasak Thawitsri  （Chulalongkorn University, Thailand）
-2 Update from TSCCM:  Vasopressors in sepsis
Tranexamic acid in life threatening bleeding
Ian Roberts (London School of Hygiene & Tropical Medicine, UK)

Moral distress: I know what to do but I can’t!!!
Daniel Garros (University of Alberta Stollery Children’s Hospital, Canada)

The 50th anniversary of ARDS: What has been changed?
Massimo Antonelli (Catholic University of the Sacred Heart, Italy)

Acute glycemic control in patients with diabetes
Adam Deane (Royal Melbourne Hospital, University of Melbourne, Australia)

Pain management in critical care; why, whom, and how? - The role of CPOT
Céline Gélinas (McGill University, Canada)

A multidisciplinary rehabilitation approach to facilitating early engagement and mobilization in the ICUs at Stanford Medical Center
Shohei Takatan (Stanford Health Care, USA)

Neurocritical care 2019: Recent advances and future frontiers
Stephan A. Mayer (Henry Ford Health System and the Mount Sinai Health System, USA)

Sepsis: New insights into pathophysiology and a sneak preview to future therapy
Thomas van der Poll (Amsterdam University Medical Centers, University of Amsterdam, Netherlands)
March 2 (Sat) 10:35 ~ 11:25  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Invited Lecture 13 (IL(E) 13)  chaired by: Naoki Sato (Nippon Medical School)  
*Simultaneous translation between English and Japanese available
High sensitivity cardiac troponin assays: How they are being used across the world for the evaluation of patients with suspected acute coronary syndromes—Possible implications for Japan
  Richard Michael Nowak (Henry Ford Hospital, USA)

March 2 (Sat) 14:00 ~ 14:50  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Invited Lecture 14 (IL(E) 14)  chaired by: Yoshiro Hayashi (Kameda Medical Center)  
*Simultaneous translation between English and Japanese available
An update of the subtleties of infection management in the ICU
  Jeffrey Lipman (The University of Queensland Centre for Clinical Research, Australia)

March 2 (Sat) 14:55 ~ 15:45  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Invited Lecture 15 (IL(E) 15)  chaired by: Kaneyuki Kawamae (Yamagata University)  
*Simultaneous translation between English and Japanese available
Severe viral pneumonia: Significant?
  Younsuck Koh (Asan Medical Center, University of Ulsan, Korea)

March 2 (Sat) 15:50 ~ 16:40  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Invited Lecture 16 (IL(E) 16)  chaired by: Chieko Mitaka (Juntendo University)  
*Simultaneous translation between English and Japanese available
Pick your syndrome: PICS or PIICS
  Heatherlee Bailey (President Elect of SCCM)

March 2 (Sat) 8:45 ~ 9:35  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Invited Lecture 17 (IL(E) 17)  chaired by: Hideo Inaba (Kanazawa University)  
*Simultaneous translation between English and Japanese available
Volume management in ICU patients
  Sung Jin Hong (Catholic University of Korea Yeouido St. Mary’s Hospital, Korea)

March 2 (Sat) 9:40 ~ 10:30  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Invited Lecture 18 (IL(E) 18)  chaired by: Tetsu Gando (Sapporo Higashi Tokushukai Hospital)
End-of-life care, decision making and palliative care
  Jozef Kesecioglu (University Medical Center Utrecht, Netherlands)

March 2 (Sat) 16:05 ~ 16:55  Presentation Room 6 (Swan, Kyoto International Conference Center 1F)
Invited Lecture 19 (IL(E) 19)  chaired by: Hiroshi Morisaki (Keio University)  
*In Japanese/Simultaneous translation NOT available
Extracellular vesicles: ARDS と敗血症の新しいターゲット
  Masao Takata (Imperial College London, UK) 3

March 3 (Sun) 8:45 ~ 9:35  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Invited Lecture 20 (IL(E) 20)  chaired by: Naoki Sato (Nippon Medical School)  
*Simultaneous translation between English and Japanese available
Congestion in acute heart failure
  Alexandra Mebazaa (University Hospitals Saint-Louis & Lariboisière, University of Paris, France)

March 3 (Sun) 11:15 ~ 12:05  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Invited Lecture 21 (IL(E) 21)  chaired by: Hiroaki Otake (Showa University)  
*Simultaneous translation between English and Japanese available
The challenge of medical artificial intelligence
  Leo Anthony Celi (MIT Laboratory for Computational Physiology / Beth Israel Deaconess Medical Center, USA)
【SPECIAL PROGRAM】

March 1 (Fri) 14:00 ~ 15:00  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Special Program 1 (SP1) chaired by: Masaji Nishimura
(President of JSICM／Tokushima Prefectural Central Hospital, Japan)
*Simultaneous translation between English and Japanese available

-1 Current status of ICU and intensive care medicine in Japan
  Masaji Nishimura (President of JSICM／Tokushima Prefectural Central Hospital, Japan)
-2 Current status of ICU and intensive care medicine in Korea
  Sung Jin Hong (President of KSCCM／Catholic University of Korea Yeouido St. Mary’s Hospital, Korea)
-3 Current status of ICU and intensive care medicine in Europe
  Jozef Kesecioglu (President of ESICM／University Medical Center Utrecht, Netherlands)
-4 Current status of ICU and intensive care medicine in USA
  Heatherlee Bailey (President Elect of SCCM)
-5 Current status of ICU and intensive care medicine in Thailand
  Pusit Feungfoo (President Elect of TSCCM／Chitralada Vocational College, Thailand)

【MEET-THE-EXPERTS】

March 1 (Fri) 16:55 ~ 17:45  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Meet-the-Experts 1 (ME1) chaired by: Masaji Nishimura
(President of JSICM／Tokushima Prefectural Central Hospital, Japan)
*Simultaneous translation between English and Japanese available

Noninvasive Ventilation in Hypoxemic Acute Respiratory Failure
Massimo Antonelli (Catholic University of the Sacred Heart, Italy)

March 1 (Fri) 17:40 ~ 18:30  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Meet-the-Experts 2 (ME2) chaired by: Gen Katsukawa (Japanese Society for Early Mobilization)
Osamu Nishida (Fujita Health University)
*Simultaneous translation between English and Japanese available

Non-pharmacological management of delirium in the ICU: Understanding the latest evidence
Dale M. Needham (Johns Hopkins University, USA)
Céline Gélinas (McGill University, Canada) as the commentator

March 2 (Sat) 17:05 ~ 18:05  Presentation Room 11 (Room C-2, Kyoto International Conference Center 1F)
Meet-the-Experts 3 (ME3) chaired by: Toshiaki Iba (Juntendo University)
*Simultaneous translation between English and Japanese available

-1 The coagulation system in sepsis and the application of anticoagulant therapy
  Thomas van der Poll (Amsterdam University Medical Centers, University of Amsterdam, Netherlands)
-2 Kazuma Yamakawa (Osaka General Medical Center)
-3 Takeshi Wada (Hokkaido University)

March 2 (Sat) 17:15 ~ 18:25  Presentation Room 11 (Room C-2, Kyoto International Conference Center 1F)
Meet-the-Experts 4 (ME4) chaired by: Atsushi Kawaguchi (Montreal University)
*Simultaneous translation NOT available

Moral distress: Video streaming “JUST KEEP BREATHING: A film about moral distress in ICU professionals”
Daniel Garros (University of Alberta Stollery Children’s Hospital, Canada)
**[SYMPOSIUM]**

**March 1 (Fri) 9:50 ~ 11:50**  
Presentation Room 2 (Room A, Kyoto International Conference Center 2F)  
**Symposium 1 (SY1) chaired by:** Yuko Ikematsu (Nagoya University)  
Toru Kotani (Showa University)  
*Simultaneous translation between English and Japanese available*  

-1 Recent updates on safety and feasibility of rehabilitation and mobilization of critically ill adults  
  Dale M. Needham (Johns Hopkins University, USA)  
-2 Kensuke Nakamura (Hitachi General Hospital)  
-3 Shinich Watanabe (Nagoya Medical Center)  
-4 Yusuke Kawai (Fujita Health University)  
-5 Toru Hosokawa (Nihon University)

**March 1 (Fri) 9:15 ~ 11:15**  
Presentation Room 19 (Prince Hall 2, Grand Prince Hotel Kyoto B2F)  
**Symposium 6 (SY6) chaired by:** Hiroshi Katayama (Kawasaki Medical School)  
Joji Kotani (Kobe University)  
*Simultaneous translation NOT available*  

Adam Deane (Royal Melbourne Hospital, University of Melbourne, Australia) as the commentator

**March 3 (Sun) 9:40 ~ 11:10**  
Presentation Room 5 (Room D, Kyoto International Conference Center 1F)  
**Symposium 18 (SY18) chaired by:** Koichi Nakao (Saiseikai Kumamoto Hospital)  
Osamu Nishida (Fujita Health University)  
*Simultaneous translation between English and Japanese available*  

- Time is muscle: A universal scenario in the critically ill  
  Alexandra Mebazaa (University Hospitals Saint-Louis & Lariboisière, University of Paris, France)  
- Yasuyuki Kakihana (Kagoshima University)  
- Yasuyuki Shiraishi (Keio University)  
- Shiro Ishihara (Nippon Medical School)

**[PANEL DISCUSSION]**

**March 2 (Sat) 14:00 ~ 15:30**  
Presentation Room 5 (Room D, Kyoto International Conference Center 1F)  
**Panel Discussion 7 (PD7) chaired by:** Naoki Sato (Nippon Medical School)  
Kenichi Matsuda (University of Yamanashi)  
*Simultaneous translation between English and Japanese available*  

- Differentiating type 1 from type 2 acute myocardial infarction is necessary but can be difficult to do. A biomarker profile may be the answer.  
  Richard Michael Nowak (Henry Ford Hospital, USA)  
- Takashi Muroya (Kansai Medical University)  
- Tomonori Yamamoto (Osaka City University)  
- Kento Doi (University of Tokyo)  
- Kenichi Matsuda (University of Yamanashi)
【<Presidential Program> Lunchtime Seminar】
Ticket is required.
Ticket-vending machines are allocated near the registration desks and in the Main Entrance aisle of the Kyoto International Conference Center. Tickets come to be invalid when the seminars start.

March 1 (Fri) 12:40 ~ 13:40  Presentation Room 11 (Room C-2, Kyoto International Conference Center 1F)
<Presidential Program> Lunchtime Seminar 1 (PLS1) chaired by: Satoru Hashimoto  
(Kyoto Prefectural University of Medicine)  
*Simultaneous translation NOT available
Optimization of antibiotic therapy in the ICU  
Jeffrey Lipman (The University of Queensland, Australia)

March 2 (Sat) 12:40 ~ 13:40  Presentation Room 11 (Room C-2, Kyoto International Conference Center 1F)
<Presidential Program> Lunchtime Seminar 2 (PLS2) chaired by: Shin Nunomiya (Jichi Medical University)  
*Simultaneous translation NOT available
What to consider when to set a mechanical ventilation  
Younsuck Koh (Asan Medical Center, University of Ulsan, Korea)

【Educational Seminar (Luncheon)】
Ticket is required.
Ticket-vending machines are allocated near the registration desks and in the Main Entrance aisle of the Kyoto International Conference Center. Tickets come to be invalid when the seminars start.

March 1 (Fri) 12:40 ~ 13:40  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Educational Seminar (Luncheon) 2 (LS2) chaired by: Shin Nunomiya (Jichi Medical University)  
*Simultaneous translation between English and Japanese available
New Developments in Mechanical Ventilation Care  
Marcelo Britto Passos Amato (University of São Paulo Heart Institute (INCOR), Brazil)

March 2 (Sat) 12:40 ~ 13:40  Presentation Room 2 (Room A, Kyoto International Conference Center 2F)
Educational Seminar (Luncheon) 14 (LS14) chaired by: Toru Kotani (Showa University)  
*Simultaneous translation between English and Japanese available
Electrical impedance tomography for monitoring regional lung ventilation in critically ill patients  
Inéz Frerichs (University Medical Centre Schleswig-Holstein, Germany)

March 2 (Sat) 12:40 ~ 13:40  Presentation Room 5 (Room D, Kyoto International Conference Center 1F)
Educational Seminar (Luncheon) 17 (LS17) chaired by: Shinhiro Takeda  
(Kawaguchi Cardiovascular and Respiratory Hospital)  
*Simultaneous translation between English and Japanese available
NPPV: Pre-hospital and early use in acute pulmonary edema in Europe  
Alexandra Mebazaa (University Hospitals Saint-Louis & Lariboisière, University of Paris, France)
March 3 (Sun) 12:40 ~ 13:40  Presentation Room 2 （Room A, Kyoto International Conference Center 2F）
Educational Seminar (Luncheon) 27 (LS27)  chaired by: Masao Nagayama
（International University of Health and Welfare）
*Simultaneous translation NOT available

Into the eye of the storm:  Assessing brainstem distress with the pupillometer
    Stephan A. Mayer （Henry Ford Health System and the Mount Sinai Health System, USA）
March 1, 2019 (Fri) 10:20 - 11:20 Room 11 (Room C-2/Kyoto International Conference Center 1F)
TSCCM-JSICM Symposium 1 (TJS1) Ethics and end of life
Chair: Hidenobu Shigemitsu (Tokyo Medical and Dental University, Department of Intensive Care Medicine, Japan)
Dusit Saworn (Phramongkutklao College of Medicine, Thailand)

TJS1-1 Ethical conflicts in ICU Thailand
Dusit Saworn (Phramongkutklao College of Medicine, Thailand)

TJS1-2 Ethical conflicts in ICU Japan
Yasunari Norisue (Division of Critical Care Medicine, Tokyo Bay Urayasu Ichikawa Medical Center, Japan)

TJS1-3 Communication of palliative care in ICU: Listening to patient and family members of ICU patients
Chantana Morkhareepong (National Cancer Institute of Thailand, Department of Medical Service, Ministry of Public Health, Thailand)

TJS1-4 Whose life is it, and who makes the choice between life and death?
Arino Yaguchi (Department of Critical Care and Emergency Medicine, Tokyo Women’s Medical University, Japan)

March 1, 2019 (Fri) 11:25 - 12:25 Room 11 (Room C-2/Kyoto International Conference Center 1F)
TSCCM-JSICM Symposium 2 (TJS2) ECMO training
Chair: Shigeki Fujimori (Emergency and Critical Care Medicine, St. Marianna University, Japan)
Suneerat Kongsayreepong (Department of Anesthesiology, Siriraj Hospital, Mahidol University, Thailand)

TJS2-1 ECMO: Our experiences in Thailand
Suneerat Kongsayreepong (Department of Anesthesiology, Siriraj Hospital, Mahidol University, Thailand)

TJS2-2 Development of ECMO, experience in Japan
Shingo Ichiba, Toshiyuki Aokage, Ichiro Takeuchi, Satoshi Nakagawa, Shinhiro Takeda (1. Department of Surgical Intensive Care Medicine, Nippon Medical School Hospital, Japan, 2. Okayama University Hospital, Department of Emergency and Critical Care Center, Japan, 3. Department of Emergency Medicine, Yokohama City University School of Medicine, Japan, 4. Department of Critical Care and Anesthesia, National Center for Child Health and Development, 5. Kawaguchi Cardiovascular and Respiratory Hospital, Japan)

TJS2-3 Initiating ECMO training program in Thailand
Sunthiti Morakot (Department of Anesthesiology, Ramathibodi Hospital, Mahidol University, Thailand)

TJS2-4 ECMO training program in Japan
Tonoyuki Endo, Shinichiro Ohshio (1. Division of Emergency and Disaster Medicine, Tohoku Medical and Pharmaceutical University, Japan, 2. Hiroshima University Emergency and Critical Care Medicine, Japan)

March 1, 2019 (Fri) 15:10 - 16:10 Room 11 (Room C-2/Kyoto International Conference Center 1F)
TSCCM-JSICM Symposium 3 (TJS3) Mechanical ventilation
Chair: Toru Kotani (Department of Intensive Care Medicine, Showa University, Japan)
Adisorn Wongsa (Phramongkutklao Hospital, Thailand)

TJS3-1 Weaning from mechanical ventilation in ARDS patients: Does automated weaning make our lives easier?
Tomomi Ueda (The Department of Anesthesiology, Keio University School of Medicine, Japan)

TJS3-2 Mechanical ventilation in ARDS
Adisorn Wongsa (Phramongkutklao Hospital, Thailand)

TJS3-3 Spontaneous breathing in ARDS
Takeshi Yoshiida (The Department of Anesthesiology and Intensive Care Medicine, Osaka University Graduate School of Medicine, Japan)

TJS3-4 Trouble shooting in mechanical ventilation
Boonsong Patumanontorn (Division of Pulmonary and Critical Care Medicine, Department of Medicine, Khon Kaen University, Thailand)

TJS3-5 Biomakers may predict outcomes in pediatric ARDS
March 1, 2019 (Fri) 18:30 ~ 17:45 Room 11 (Room C-2/Kyoto International Conference Center 1F)
TSCOM-JSICM Symposium 4 (TJS4)  
Perioperative critical care

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

Sahadol Poonyathawon (Department of Anesthesiology, Chulalongkorn University, Thailand)

TJS4-1 How to start up surgical ICU by internal physician intensivist
Go Haraguchi1, Chiho Mihaka2, Keichi Matsuou3, Takumi Nagao1, Katsuki Otsuki4, Morimasa Takayama5, Mitsuaki Isobe6, 11. Division of Intensive Care Unit, Sakakibara Heart Institute, Japan, 2. Department of Anesthesiology, Juntendo University Hospital, Japan, 3. Division of Intensive Care Unit, New Tokyo Hospital, Japan, 4. Division of Intensive Care Unit, Tsuchuira Kyodo General Hospital, Japan, 5. Department of Cardiovascular Medicine, Sakakibara Heart Institute, Japan)

TJS4-2 Perioperative fluid therapy
Sahadol Poonyathawon (Department of Anesthesiology, Chulalongkorn University, Thailand)

TJS4-3 Perioperative nutrition therapy
Kaweesak Chittawatanarat (Department of Surgery, Chiang Mai University, Thailand)

TJS4-4 Perioperative respiratory management
Kiyoyasu Kurahashi (Department of Anesthesiology and Intensive Care Medicine, International University of Health and Welfare (IUHW), School of Medicine, Japan)

TJS4-5 Prevention of perioperative AKI
Kent Doi (Department of Acute Medicine, The University of Tokyo, Japan)
【English Session】

ライブ配信（Live streaming available）

March 1, 2019 (Fri) 9:00 ~ 10:00  Room 11 (Room C-2/Kyoto International Conference Center 1F)

**English Session 1 (Eng01)**

Chair: Sungwon Na (Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine, Korea)

Eng01-1 External pressure to the calf region in contact with the boot-support-type leg holder system in the lithotomy position  
Yu Mizuno¹, Toru Takahashi² (¹. Department of Anesthesiology and Pain Medicine, Juntendo University Faculty of Medicine, Japan, ². Faculty of Health and Welfare Science, Okayama Prefectural University, Japan)

Eng01-2 Factorial analyses of incidental arterial line cannulation in the ICU  
Sohoro Hatakeyama, Masatoshi Otsukuma, Hideo Isobe, Atsushi Hashimoto, Keisuke Sakakibara, Yoshihiro Fujita, Yoshihiro Fujiiwara (Surgical Intensive Care Unit and Anesthesiology, Aichi Medical University, Japan)

Eng01-3 Work related noise exposure and stress in intensive care unit  
Seungho Jung, Jeongmin Kim, Sungwon Na (Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine, Korea)

Eng01-4 Current status of pain and sedation therapy on noninvasive mechanical ventilation in Korean intensive Care Units: a multi-center observational study  
Tahee Kim¹, Jae Hwa Cho¹, Cheung Soo Shin², Jeong Soo Kim², Sunghoon Park¹, Korean Non-Invasive Ventilation Study Group (1. Department of Internal Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine, Korea, 2. Department of Anesthesiology, Gangnam Severance Hospital, Yonsei University College of Medicine, Korea, 3. Department of Internal Medicine, Inha University College of Medicine, Korea, 4. Department of Pulmonary, Allergy and Critical Care Medicine, Hallym University Sacred Heart Hospital, Korea)

Eng01-5 Utility of continuous monitoring and visualizing system for respiratory sounds  
Kazuya Kikutani, Shinichiro Ohshimo, Shingo Otaki, Hiroshi Giga, Satoshi Yamaga, Takuma Sadamori, Nobuaki Shime (Department of Emergency and Critical Care Medicine, Graduate School of Biomedical & Health Sciences, Hiroshima University, Japan)

Eng01-6 (Withdrawn)

March 1, 2019 (Fri) 14:00 ~ 15:00  Room 11 (Room C-2/Kyoto International Conference Center 1F)

**English Session 2 (Eng02)**

Chair: Fuminasa Amaya (Kyoto Prefectural University of Medicine, Japan)

Eng02-1 Significance of intra aortic balloon pump in increasing the blood flow to the abdominal organs  
Arudo Hirooka, Genta Chikazawa, Kosuke Sakamoto, Toshinori Totsugawa, Kentaro Tanura, Hidenori Yoshitaka, Taichi Sakaguchi (Department of Cardiovascular Surgery, The Sakakibara Heart Institute o. Okayama, Japan)

Eng02-2 Effect of certified emergency life saving technicians of out-of-hospital cardiac arrest patients: A report from the JCS-ReSS study  
Hiromichi Naito¹², Tetsuya Yumoto¹², Yoshihiro Tahara¹³, Naohiro Yonemoto¹⁴, Hiroshi Nonogi¹², Hiroaki Shimokawa¹⁴, Ken Nagao¹² (¹. JCS-ReSS Group, Japan, 2. Okayama University Hospital, Advanced Emergency and Critical Care Medical Center, Japan, 3. Division of Internal Medicine, National Cerebral and Cardiovascular Center Hospital, Japan, 4. Department of Biostatistics, Kyoto University School of Public Health, Japan, 5. Shizoka General Hospital, Japan, 6. Department of Cardiovascular Medicine, Tohoku University Hospital, Japan, 7. Niho University Hospital, Cardiovascular Center, Japan)

Eng02-3 Geographical differences on national meeting effect in patients with out-of-hospital cardiac arrests: A report from the JCS-ReSS study  
Tetsuya Yumoto¹², Hiromichi Naito¹², Yoshihiro Tahara¹³, Naohiro Yonemoto¹⁴, Hiroshi Nonogi¹², Hiroaki Shimokawa¹⁴, Ken Nagao¹² (¹. JCS-ReSS study group, Japan, 2. Department of Emergency, Critical Care, and Disaster Medicine, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan, 3. Division of Coronary Disease, National Cerebral and Cardiovascular Center Hospital, Japan, 4. Department of Biostatistics, Kyoto University School of Public Health, Japan, 5. Shizoka General Hospital, Japan, 6. Department of Cardiovascular Medicine, Tohoku University Hospital, Japan, 7. Niho University Hospital, Cardiovascular Center, Japan)

Eng02-4 Are school hours associated with better outcomes of out-of-hospital cardiac arrest in school children?  
Hideo Inaba¹, Akira Yamashita², Hisanori Kurosaki², Keisuke Ohta², Yasuhiro Myojo¹ (¹. Department of Circulatory Emergency and Resuscitation Science, Kanazawa University Graduate School of Medicine, Japan, 2. Department of Cardiology, Noto General Hospital, Japan, 3. Emergency Medical Center, Ishikawa Prefectural Central Hospital, Japan)
EngO2-5 Extracorporeal cardiopulmonary resuscitation and damage control surgery for cardiac arrest due to postpartum hemorrhage

Kenshin Shimono1, Hirokazu Onishi1, Ryuji Sugimoto1, Chiyoaka Kosaihira2, Masato Kamitoyo2, Takeshi Kodama3, Tsuyoshi Ueno3, Junichiro Hamasaki3, Shohei Matsukubo3, Hideaki Yoshihara4 (1. Department of Emergency and Critical Care Center, Kagoshima City Hospital, Japan, 2. Department of Obstetrics and Gynecology, Kagoshima City Hospital, Japan, 3. Department of Critical Care Medicine, Kagoshima City Hospital, Japan)

EngO2-6 (Withdrawn)

March 2, 2019 (Sat) 8:45～9:45 Room 11 (Room C-2/Kyoto International Conference Center 1F)
English Session 3 (EngO3)

Chair Atsushi Kawaguchi (University of Montreal, Canada)

EngO3-1 Clinical analysis of prolonged mechanical ventilation > 72 hrs following acute type A aortic dissection repair
Genta Chikazawa, Kentaro Tamura, Arudo Hiraoka, Toshinori Totsugawa, Atsuhisa Ishida, Satoko Ishii, Taichi Sakaguchi, Hidenori Yoshitaka (Department of Cardiovascular Surgery and Surgical ICU, The Sakakibara Heart Institute of Okayama, Japan)

EngO3-2 Measurement of esophageal pressure to assess extubation readiness in a neonate with congenital diaphragmatic hernia: its feasibility and usefulness
Masashi Taniguchi, Yu Inata, Takeshi Hatachi, Yoshiyuki Shimizu, Kazuya Tachibana, Muneyuki Takeuchi (Department of Intensive Care Medicine, Osaka Women’s and Children’s Medical Center, Japan)

EngO3-3 Current practice of high-flow nasal cannula-the pilot study
Je Hyeong Kim1, Byun Ki Kim2, Su A Kim3, You Sang Ko4, Won Gun Kwak5, So Young Park6 (1. Department of Critical Care Medicine, Korea University Ansan Hospital, Korea, 2. Division of Pulmonology, Department of Internal Medicine, Korea University Ansan Hospital, Korea, 3. Division of Pulmonary, Allergy and Critical Care Medicine, Department of Internal Medicine, Kangdong Sacred Heart Hospital, Korea, 4. Division of Pulmonary, Allergy and Critical Care Medicine, Department of Internal Medicine, Kyung Hee University Hospital, Korea, 5. Department of Pulmonary and Critical Care Medicine, Chung Nam National University Medical Center, Korea)

EngO3-4 High-flow nasal cannula induced tension pneumocephalus
Youjin Chang1, Tae-Gyu Kim2, Sun-Yoon Chung3 (1. Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, Inje University College of Medicine, Sanggye Paik Hospital, Korea, 2. Department of Radiology, Inje University College of Medicine, Sanggye Paik Hospital, Korea, 3. Department of Neurosurgery, Inje University College of Medicine, Sanggye Paik Hospital, Korea)

EngO3-5 Effect of high-flow via non-rebreathing face mask compared to nasal cannula on nasopharyngeal CPAP, gas exchange and clinical outcome after extubation in surgical patients
Suthichai Morakul1, Poungrat Thungtittigul2, Freeda Sumritpradit3, Pongsasit Singhatas1, Viratch Tangsujaritvij1 (1. Department of Anesthesiology, Ramathibodi Hospital, Mahidol University, Thailand, 2. Critical care unit, Department of Medicine, Vajira Hospital, Navamindradhiraj University, Thailand, 3. Department of Surgery, Ramathibodi Hospital, Mahidol University, Thailand, 4. Pulmonary and Critical care unit, Department of Medicine, Ramathibodi Hospital, Mahidol University, Thailand)

EngO3-6 Effect of intraoperative PEEP setting guided by esophageal pressure measurement on oxygenation during laparoscopic gynecologic surgery
Annop Piriypatsong, Sanchai Phetkampong (Department of Anesthesiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand)

March 2, 2019 (Sat) 9:50～10:50 Room 11 (Room C-2/Kyoto International Conference Center 1F)
English Session 4 (EngO4)

Chair Takashi Tagami (Department of Emergency and Critical Care Medicine, Nippon Medical School Tama Nagayama Hospital, Japan)

EngO4-1 Effectiveness of delta Saturation of brain tissue (StO2) in pre-hospital settings: Pilot study
Junpei Tsukuda, Takeshi Kawaguchi, Seitaro Sugawara, Kentaro Okamoto, Takaki Naito, Takuro Endo, Kenichiro Morisawa, Nobuhiko Shimozawa, Shigeki Fujitani, Yasuhiro Taira (Department of Emergency and Critical Care Medicine, St. Marianna University School of Medicine, Japan)

EngO4-2 Recognition of low body temperature and its association with outcome in bacteremic patients admitted to emergency and critical care center
Nobuki Shime, Satoshi Yamaga (Department of Emergency and Critical Care Medicine, Hiroshima University, Japan)
EngO4-3 Synergistic cytoprotection by co-treatment with dexamethasone and rapamycin against inflammatory cytokine-induced alveolar epithelial cell injury
Kyungho Chang1, Ken Kuwajima2, Ai Furuta2, Masahiko Bougaki2, Yoshihito Yamada1, Shigehito Sawamura1
(1. Anesthesiology and Intensive Care Unit, Teikyo University School of Medicine, Japan, 2. Anesthesiology and Pain Relief Center, University of Tokyo Hospital, Japan)

EngO4-4 Crucial role of IL-1R signaling in neutrophils to increase lung permeability in LPS/mechanical ventilation acute lung injury
Nobuyuki Nosaka, Timothy R Crother, Shuang Chen, Moshe Arditi, Kenichi Shimada (Department of Pediatrics, Cedars-Sinai Medical Center, USA)

EngO4-5 Mortality prediction among sepsis patients using a combination of qSOFA, National Early Warning Score, age, gender and serum lactate levels
Chie Tanaka, Takashi Tagami, Shin Sato, Akiko Takehara, Junya Kaneko, Reo Fukuda, Saori Kudo, Masamune Kuno, Kyoko Uno (Department of Emergency and Critical Care Medicine, Nippon Medical School Tamanagayama Hospital, Japan)

EngO4-5 Nebulized adrenaline attenuates lung alveolar and interstitial edema compared to phenylephrine and salbutamol in ovine burn and smoke inhalation injury model
Satoshi Fukuda1,2, Eiji Ihara3, Yosuke Niimi3, Ernesto Lopez4, Keibun Liu5, Clark R. Andersen4, Robert A. Cox2,5, David N. Herron1, Donald S. Prough1,2, Perenlei Enkhbaatar1,2 (1. Department of Anesthesiology, University of Texas Medical Branch at Galveston, USA, 2. Shriners Hospital for Children, USA, 3. Department of Plastic and Reconstructive Surgery, Tokyo Women's Medical University, Japan, 4. Department of Preventive Medicine & Community Health, Office of Biostatistics, University of Texas Medical Branch, Galveston, USA, 5. Department of Pathology, University of Texas Medical Branch, Galveston, USA)

March 2, 2019 (Sat) 10:55～11:55 Room 11 (Room C-2/Kyoto International Conference Center 1F)

EngO5-1 Feeding practices of mechanically ventilated intensive care patients: an evaluation of overfeeding and clinical outcomes
Aiko Tanaka1, Kate Hamilton1, Glenn Eastwood2, Daryl Jones3, Rinaldo Bellomo7 (1. Department of Anesthesiology and Intensive Care Medicine, Osaka University, Japan, 2. Department of Intensive Care, Austin Hospital, Australia, 3. Nutrition and Dietetic Department, Austin Hospital, Australia)

EngO5-2 Efficacy and safety of fibrinogen concentrate in patients with hemorrhagic shock: a single-center experience
Masakazu Nitta, Hiroshi Endoh, Tadayuki Honda, Hiroki Shimizu, Hiroyuki Honda, Yoshihumi Hashino, Takashi Hazama, Natsuo Kamimura (Niigata University Medical and Dental Hospital, Advanced Disaster Medicine and Emergency Critical Care Center, Japan)

EngO5-3 Circulating activated protein C levels in septic patients treated with recombinant human soluble thrombomodulin
Takuro Arishima1, Takashi Ito2, Tomotsugu Yasuda1, Nozomi Yashima2, Chinatsu Kamikokuryo2, Hiroaki Furubeppu1, Takahiro Futatsuki2, Hiroyuki Haraura1, Ikuro Maruyama1, Yasuyuki Kikihara1,2 (1. Emergency and Critical Care Center, Kagoshima University Hospital, Japan, 2. Systems Biology in Thromboregulation, Kagoshima University Graduate School of Medical and Dental Sciences, Japan, 3. Emergency and Intensive Care Medicine, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)

EngO5-4 Association of liver enzyme with morbidity and mortality in traumatic liver injury patients
Ginhasupriang Wangsaphath, Kaeleak Chitawasangar (Division of Surgical Critical Care and Trauma, Department of Surgery, Faculty of Medicine, Chiang Mai University, Thailand)

EngO5-5 A new predictive equation for resting energy expenditure in mechanically ventilated Thai patients
Phoosak Limraksantis1, Nappapa Kongpolprom2 (1. Division of Critical Care Medicine, Department of Anesthesiology, King Chulalongkorn Memorial Hospital, Thailand, 2. Division of Pulmonary and Critical Care Medicine, Department of Medicine, King Chulalongkorn Memorial Hospital, Thailand)

EngO5-6 Comparison of measured energy expenditure using indirect calorimetry versus predictive equations for liver transplant recipients
Seok-Joon Lee1, Hak-Jae Lee2, Yooun-Joong Jung2, Minkyu Han3, Suk-Kyung Hong2 (1. College of Medicine, University of Ulsan Korea, 2. Division of Acute Care Surgery, Department of Medicine, University of Ulsan College of Medicine, Asan Medical Center, Korea, 3. Division of Clinical Epidemiology and Biostatistics, University of Ulsan, Korea)
March 2, 2019 (Sat)  14:00 ~ 15:00  Room 11 (Room C-2/Kyoto International Conference Center 1F)
English Session 6 (Eng06)

Chair  Takeshi Suzuki (Department of Anesthesiology, Keio University School of Medicine, Japan)

Eng06-1 Evaluation of clinical pharmacist intervention in surgical intensive care unit
Jiyoung Kim, Jonglee Ko, Soohyun Kim, Eunsun Son, Jeongmin Kim, Sungwon Na (Department of Pharmacy, Anesthesiology and Pain Medicine, Yonsei University College of Medicine, Korea)

Eng06-2 A unique strategy for large bowel perforation with ventriculo-peritoneal shunt: Conversion to ventriculo-atrial shunt
Shota Akabane, Hirokazu Iijima, Shoichi Nakajima, Yukari Kobayashi, Kazuma Watanabe (Tokyo Nishi Tokushukai Hospital, Japan)

Eng06-3 Influenza-associated septic shock accompanied by septic cardiomyopathy that developed in summer and mimicked fulminant myocarditis
Kei Suzuki, Ryo Esumi, Kaoru Ikegiri, Asami Ito, Yoshaki Iwashita, Ken Ishikura, Masaki Fujioka, Hiroshi Imai (Mie University Hospital, the Emergency and Critical Care Center, Japan)

Eng06-4 Association between appropriate empiric antimicrobial therapy and mortality from bloodstream infections in the intensive care unit
Satoshi Yamaga, Nobuki Shime, Shinichiro Ohshima (Department of Emergency and Critical Care Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan)

Eng06-5 Effect of healthcare-associated infections on the length of pediatric intensive care unit stay
Takeshi Hatachi, Junpei Okumura, Kota Yoshida, Mami Yamada, Takaaki Akamatsu, Masashi Taniguchi, Jun Takeshita, Kanako Isaka, Kazue Moon, Munezuki Takeuchi (Otsuka Women’s and Children’s Hospital, Japan)

Eng06-6 Open label prospective randomised control study of high cut point level of procalcitonin guided antibiotic therapeutic protocol in surgical critically ill patients
Kaweesak Chittawatanarut, Namrin Chotirosniramit, Kamtone Chandachum, Tida-rat Jirapongcharoenlap, Rungnapa Peerakam, Mudjalar Areeug (Division of Surgical Critical Care and Trauma, Department of Surgery, Faculty of Medicine, Chiang Mai University, Thailand)

March 2, 2019 (Sat)  15:05 ~ 16:05  Room 11 (Room C-2/Kyoto International Conference Center 1F)
English Session 7 (Eng07)

Chair  Kenji Wakabayashi (Department of Intensive Care Medicine, Tokyo Medical and Dental University, Japan)

Eng07-1 Characteristics of wound infections among patients injured during torrential rain and landslides, in the 2018 disaster in west Japan
Kazuya Kikutani, Michihito Kyo, Junji Itai, Shinji Kusunoki, Taka Yamanoue, Yasumasa Iwasaki, Itsuo Nakagawa, Hiroshi Naitou, Masami Ishikawa, Nobuki Shime (1. Department of Emergency and Critical Care Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan, 2. Emergency Department, Hiroshima Prefectural Hospital, Japan, 3. Emergency Department, Kure Medical Center and Chugoku Cancer Center, Japan, 4. Emergency Department, Chugoku Rosai Hospital, Japan, 5. Department of Emergency Medicine, Hiroshima Citizens Hospital, Japan, 6. Emergency Department, Kure Kyosai Hospital, Japan)

Eng07-2 Potential benefits of acute-phase cardiac rehabilitation in the intensive care unit for patients with cardiovascular disease -A retrospective observational study-
Nobuki Hamazaki, Ryota Matsuzawa, Kohei Nozaki, Taka-fumi Ichikawa, Kentaro Kamiya, Kazumasa Mida, Tomotaka Koike, Eni Maekawa, Masayasu Araf, Takashi Masuda (1. Department of Rehabilitation, Kitasato University Hospital, Japan, 2. Department of Rehabilitation, Kitasato University School of Allied Health Sciences, Japan, 3. Intensive Care Center, Kitasato University Hospital, Japan, 4. Department of Cardiovascular Medicine, Kitasato University School of Medicine, Japan, 5. Department of Anesthesiology, Kitasato University School of Medicine, Japan)

Eng07-3 Influencing factors on the changes of ICU family members’ satisfaction
Soyoung Yang, Hye Ri Cho, In-Ho Yang, Mira Song, Jun Ki Min, Minji Lee, Yee Hyung Kim, Sung Wook Kang (1. Department of Internal Medicine, Kyung Hee University Hospital at Gang Dong, Korea, 2. Department of Pulmonary and Critical Care Medicine, Kyung Hee University Hospital at Gang Dong, Korea, 3. School of Health in Social Science, University of Edinburgh, UK)

Eng07-4 Integrated clinical reasoning assessment in simulation crisis management class
Kanya Kumwilaitsai, Tooncharti Indrambaraya, Danai Wangsaturasrak, Paweunch Boothamajal (1. Division of critical care, Department of Anesthesiology, King Chulalongkorn Memorial Hospital, Thailand, 2. Department of Pharmacology Faculty of Medicine, Chulalongkorn University, Thailand)
EngO7-5  The epidemiology and characteristics of acute kidney injury in the intensive care unit in resource limited settings: A prospective multicenter study
Nattachai Sriswat1,2, Win Kulwichitch2, Noppathom Mahanitr1, Cameron Hurst2, Kerkkiat Pradipornsilp1, Nutta Lumlertgul1, Kriang Tungsang2, Somchai Eiam-Ong1, Visith Sitprija2,3, John A Kellum2, Konlawij Trongtrakul1, SEA-AKI study group (1. Division of Nephrology, Department of Medicine, Faculty of Medicine, Chulalongkorn University, and King Chulalongkorn Memorial Hospital, Thailand, 2. Center for Critical Care Nephrology; The CRISMA Center, Department of Critical Care Medicine, University of Pittsburgh School of Medicine, USA, 3. Statistics Unit, QIMR Berghofer Medical Research Institute, Australia, 4. Queen Saovabha Memorial Institute, Thai Red Cross, Thailand, 5. Vajira Hospital, Navamindradhiraj University, Thailand)

EngO7-6  Predictive factors of abnormal finding detected by computerized tomography scan of brain among medical critically ill patients
Surat Tongyoo1, Meete Chivutchapate1, Tipa Chakorn1, Chaipat Permpikut1 (1. Department of Internal Medicine, Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand, 2. Department of Emergency Medicine, Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand)

March 2, 2019 (Sat) 15:10 ~ 17:10 Room 11 (Room C-2/Kyoto International Conference Center 1F)
English Session 8 (EngO8)

EngO8-1  Newly introduced educational program on coping with ICU surge during the Mass Casually Incident
Takamitsu Koda1, Eiji Kawamoto2, Yasuhiro Irie1, Yoichi Kase3, Masashi Nakagawa4 (1. Aichi Medical University, Center for Disaster Medical Sciences, Japan, 2. Mie University Hospital, Medical Emergency Center, Japan, 3. Seirei Yokohama Hospital, Department of Emergency Medicine, Japan, 4. Jikei University Kashiwa Hospital, Department of Anesthesiology, Japan, 5. Tokyo Women’s Medical University, Department of Intensive Care Medicine, Japan)

EngO8-2  Development of an easy-to-use questionnaire for critical care nursing competence related to patient safety in Japan: a cross-sectional study
Masatoshi Osumura1, Tomonori Ishigaki2, Kazunao Mori2, Yoshihiro Fujiwara1 (1. Department of Anesthesiology, Aichi Medical University, Japan, 2. Department of Business Administration, Nanzan University, Japan)

EngO8-3  The patient's life inside hospital difference between Japan and Thailand
Nobuhiro Tamura1, Twatchai Impoo1 (1. Kurashiki Central Hospital, Japan, 2. KhonKaen Hospital, Thailand)

EngO8-4  Successful management fatal systemic air embolism of CT-guided lung biopsy: Case report
Yi-Pin Chou1,2, Tung-Ho Wu1,2, Hsing-Lin Lin1 (1. Division of Thoracic Surgery, Department of Surgery, Veterans General Hospital, Taiwan, 2. Division of Cardiovascular Surgery, Department of Surgery, Veterans General Hospital, Taiwan, 3. Department of Critical Care Medicine, Veterans General Hospital, Taiwan, 4. Division of Trauma, Department of Emergency, Veterans General Hospital, Taiwan)

EngO8-5  Trauma system including trauma center: a death review from premature trauma center in Korea
Byungchul Yu, Mina Lee, Gijae Lee, Jungnam Lee (Gachon University Gil Medical Center, Korea)

EngO8-6  Effects of an isotonic balanced sodium solution and acetate Ringer’s solution on the incidence of hypotremia in patients who have cardiac surgery
Sunthiti Morakul1, Naruemol Prachanpanich1, Pyarat Sittiwanna1, Sumethee Jiraratkul2 (1. Department of Anesthesiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Thailand, 2. Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Thailand)