

ASIA DAY Symposium

3月14日 (金) 9:00 ~ 10:30 Room 9 Fukuoka International Congress Center 4F 411
ASIA DAY Symposium (ASDS)
Toward Further Collaboration in Asian ICUs (Current status and future direction of national registries, multicenter trials, and national journals)

Chairs : Suthat Rungruanghiranya (Division of Pulmonary and Critical Care Medicine
Faculty of Medicine, Srinakharinwirot University)

Moritoki Egi (Department of anesthesia and intensive care, Kyoto University, Japan)

ASDS-1 Toward Further Collaboration in Asian ICUs

Suthat Rungruanghiranya (Division of Pulmonary and Critical Care Medicine
Faculty of Medicine, Srinakharinwirot University)

ASDS-2 Enhancing Inter-ICU Collaboration Across Asia: Opportunities in the Age of General AI

Yu-Chang Yeh^{1,2,3} (1. Department of Anesthesiology, National Taiwan University Hospital, Taiwan, 2. Taiwan Society of Emergency and Critical Care Medicine, Taiwan, 3. Taiwan Society of Critical Care Medicine, Taiwan)

ASDS-3 Toward Further Collaboration in Asian ICUs

Yew Woon Chia^{1,2,3} (1. Society of Intensive Care Medicine, Singapore, 2. Department of Cardiology, Tan Tock Seng Hospital, Singapore, 3. Department of Medicine, National University of Singapore, Singapore)

ASDS-4 Current Status and Future Collaboration with Asian Intensive Care Societies: Korea

Gee Young Suh (Department of Critical Care Medicine, Sungkyunkwan University School of Medicine, South Korea)

ASDS-5 Japanese Society of Intensive Care Medicine: Current Status and Future Collaboration with Asian Intensive Care Societies

Moritoki Egi (Department of anesthesia and intensive care, Kyoto University, Japan)

Euro-Japan Forum 2025

3月14日 (金) 14 : 20 ~ 15 : 40 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 1 (EURO) Sepsis: new topics beyond guideline

Chairs : Salvatore Maurizio Maggiore (Anaesthesiology & Intensive Care Medicine, G. d'Annunzio University, SS. Annunziata Hospital, Italy)

Hiroshi Koyama (Department of Critical Care Medicine, Shonan Kamakura General Hospital)

EURO1-1 New Drug Discovery and Molecular Science in the Field of Critical Care and Intensive Care Medicine

Naoyuki Matsuda (1. Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Nagoya University, Japan, 2. Department of Emergency and Critical Care Medicine, Graduate School of Medicine, and the Center for Collaborative Research on Disaster Mitigation, Nagoya University, Japan)

EURO1-2 Challenging the SSC recommendations about hemodynamic management

Jean-Louis Teboul (Therapeutics and Critical Care Medicine, the University Paris-Saclay, France)

EURO1-3 Subclass of Sepsis Patients: Identifying Targets for Adjunctive Therapy

Daisuke Kudo¹, Tadahiro Goto², Itsuki Osawa³, Kento Doi³, Shigeki Kushimoto¹ (1. Division of Emergency and Critical Care Medicine, Tohoku University Graduate School of Medicine, Japan, 2. Department of Clinical Epidemiology and Health Economics, School of Public Health, The University of Tokyo, Japan, 3. Department of Emergency and Critical Care Medicine, The University of Tokyo Hospital, Japan)

EURO1-4 Improving outcomes for sepsis survivors

Lennie Derde (Infectious Diseases in the Intensive Care Centre, University Medical Centre Utrecht, The Netherlands)

3月14日 (金) 15 : 40 ~ 16 : 20 Room 9 Fukuoka International Congress Center 4F 411
Round table - The future of sepsis management: stewardship, drugs and AI

Chairs : Lennie Derde (Infectious Diseases in the Intensive Care Centre, University Medical Centre Utrecht, The Netherlands)

Daisuke Kudo (Division of Emergency and Critical Care Medicine, Tohoku University Graduate School of Medicine, Japan)

Jan De Waele (Department of Intensive Care Medicine, Ghent University Hospital, Belgium)

Salvatore Maurizio Maggiore (Anaesthesiology & Intensive Care Medicine, G. d'Annunzio University, SS. Annunziata Hospital, Italy)

Takehiko Oami (Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Japan)

Mikihiro Maeda (Department of Pharmacy, St. Marianna University Hospital, Japan)

3月14日 (金) 16 : 40 ~ 18 : 00 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 2 (EURO) Update in monitoring and management in Neurointensive care

Chairs : Victoria Metaxa (King's College Hospital, UK)

Yasuhiro Kuroda (Department of Emergency, Disaster, and Critical Care Medicine, Faculty of Medicine, Kagawa University)

EURO2-1 Update on clinical management of traumatic brain injury

Mathieu van der Jagt (Department of Intensive Care, Erasmus MC-University Medical Center, The Netherlands)

- EURO2-2 Response to severe TBI: Experience from a level 1 trauma center in Japan**
Shoji Yokobori (Department of Emergency and Critical Care Medicine, Nippon Medical School, Tokyo, Japan)
- EURO2-3 TTM after cardiac arrest: still 36 or let it go?**
Mathieu van der Jagt (Department of Intensive Care, Erasmus MC-University Medical Center, The Netherlands)
- EURO2-4 Targeted temperature management methods for patients who had out-of-hospital cardiac arrest receiving extracorporeal cardiopulmonary resuscitation**
Toru Hifumi¹, Akihiko Inoue², Tetsuya Sakamoto³, Yasuhiro Kuroda⁴ (1. Department of Critical Care and Emergency Medicine, St.Luke's International Hospital, Japan, 2. Department of Emergency and Critical Care Medicine, Hyogo Emergency Medical Center, Japan, 3. Department of Emergency Medicine, Teikyo University School of Medicine, Japan, 4. Department of Emergency, Disaster and Critical Care Medicine, Kagawa University Hospital, Japan)

3月15日 (土) 8 : 30 ~ 9 : 50 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 3 (EURO) New Frontiers in Intensive Care

Chairs : Mathieu van der Jagt (Department of Intensive Care, Erasmus MC-University Medical Center, The Netherlands)
Satoshi Kimura (Department of Anesthesiology, Kyoto University Hospital)

- EURO3-1 Evidence-based end-of-life care - is it even possible?**
Victoria Metaxa (King's College Hospital, UK)
- EURO3-2 Shaping the Future of Intensive Care**
Tomoko Fujii (Department of Intensive Care, Jikei University Hospital, Tokyo, Japan)
- EURO3-3 Green ICU**
Jan De Waele (Dept of Intensive Care Medicine, Ghent University Hospital and Faculty of medicine and health sciences, Ghent University, Belgium)
- EURO3-4 Beyond Human Eyes: How AI is Shaping the Future of Telecritical Care**
Shunsuke Takaki^{1,2}, Takuya Komatsuda², Masami Tanaka² (1. Department of Critical Care Medicine Yokohama City University School of Medicine, Japan, 2. CROSS SYNC.Inc., Japan)

3月15日 (土) 10 : 00 ~ 11 : 20 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 4 (EURO) Acute Kidney Injury: Recent evidences on diagnostics and therapeutics

Chairs : Victoria Metaxa (King's College Hospital, UK)
Kazuhiro Moriyama (Department of Anesthesiology and Critical Care Medicine, Fujita Health University School of Medicine)

- EURO4-1 Role of AKI biomarkers in clinical practice**
Marlies Ostermann (Intensive Care and Nephrology, Guy's & St. Thomas Hospital, UK)
- EURO4-2 Continuum of renal injury; AKI, AKD, and CKD**
Kent Doi (Dept of Emergency and Critical Care Medicine, The University of Tokyo)
- EURO4-3 Antibiotic dosing in AKI and RRT**
Jan De Waele (Dept of Intensive Care Medicine, Ghent University Hospital and Faculty of medicine and health sciences, Ghent University, Belgium)
- EURO4-4 Timing of RRT**
Hiroshi Morimatsu (Department of Anesthesiology and Resuscitology, Okayama University Hospital, Japan)

**3月15日 (土) 11:20 ~ 12:00 Room 9 Fukuoka International Congress Center 4F 411
Debate – Dose of renal replacement therapy: is less more?**

Chairs : Giacomo Grasselli (Policlinico Hospital, Milan & University of Milan, Italy)
Kent Doi (Dept of Emergency and Critical Care Medicine, The University of Tokyo)

Marlies Ostermann (Intensive Care and Nephrology, Guy's & St Thomas Hospital, UK)
Yuki Kotani (Department of Intensive Care Medicine, Kameda Medical Center, Japan)
Hiroyuki Yamada (Department of Primary Care and Emergency Medicine, Kyoto University Hospital, Japan)

**3月15日 (土) 13:25 ~ 14:45 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 5 (EURO) Recent advances in respiratory management in Acute
Respiratory Failure**

Chairs : Salvatore Maurizio Maggiore (Anaesthesiology & Intensive Care Medicine, G. d'Annunzio University,
SS. Annunziata Hospital, Italy)
Kiyoyasu Kurahashi (Department of Anesthesiology, Shonan Kamakura General Hospital)

EURO5-1 Noninvasive respiratory support in severe hypoxemic patients: friend or foe?
Salvatore Maurizio Maggiore (Anaesthesiology & Intensive Care Medicine, G. d'Annunzio
University, SS. Annunziata Hospital, Italy)

EURO5-2 Effort-dependent lung injury
Takeshi Yoshida (Department of Anesthesiology and Intensive Care Medicine, Osaka Graduate
School of Medicine)

EURO5-3 ESICM ARDS guidelines: What's new?
Giacomo Grasselli (Policlinico Hospital, Milan & University of Milan, Italy)

EURO5-4 Key concepts of recent advancements in ventilation strategies for ARDS
Kiyoyasu Kurahashi (Department of Anesthesiology, Shonan Kamakura General Hospital)

**3月15日 (土) 14:45 ~ 16:05 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 6 (EURO) Hemodynamic and extracorporeal support: what's new?**

Chairs : Jean-Louis Teboul (Therapeutics and Critical Care Medicine, the University Paris-Saclay, France)
Naoki Sato (Department of Cardiovascular Medicine, Kawaguchi Cardiovascular and Respiratory
Hospital, Japan)

EURO6-1 Vasopressor therapy in septic shock: present and future
Jean-Louis Teboul (Therapeutics and Critical Care Medicine, the University Paris-Saclay, France)

EURO6-2 Hemodynamic-based management of cardiogenic shock using MCS
Jun Nakata (Division of Cardiovascular Intensive Care, Nippon Medical School Hospital, Japan)

EURO6-3 Management of respiratory drive during awake ECMO
Giacomo Grasselli (Policlinico Hospital, Milan & University of Milan, Italy)

EURO6-4 The current situation of the education of ECMO in Japan
Keiki Shimizu, Jun Hamaguchi, Yuichi Horikoshi, Ryo Ishizawa (Tokyo Metropolitan Tama
ECMO Center)

**3月15日 (土) 16:05 ~ 16:35 Room 9 Fukuoka International Congress Center 4F 411
Pro-Con Debate - Time to abandon tight glucose control in ICU?**

Chairs : Jan De Waele (Department of Intensive Care Medicine, Ghent University Hospital, Belgium)
Kent Doi (Dept of Emergency and Critical Care Medicine, The University of Tokyo)
Pro : Moritoki Egi (Department of anesthesia and intensive care, Kyoto University Hospital, Japan)
Con : Jan Gunst (Intensive Care Medicine, UZ Leuven Campus Gasthuisberg, Belgium)

**3月15日 (土) 16:45 ~ 18:05 Room 9 Fukuoka International Congress Center 4F 411
Euro-Japan Forum 7 (EURO) Nutrition in ICU: Controversy and future research**

Chairs : Marlies Ostermann (Intensive Care and Nephrology, Guy's & St. Thomas Hospital, UK)
Joji Kotani (Division of Disaster and Emergency Medicine, Department of Surgery Related, Kobe University Graduate School of Medicine)

EURO7-1 How to translate findings from recent RCTs into novel feeding strategies

Jan Gunst^{1,2} (1. Intensive Care Medicine, University Hospitals Leuven, Leuven, Belgium,
2. Laboratory of Intensive Care Medicine, Department of Cellular and Molecular Medicine, KU Leuven, Leuven, Belgium)

EURO7-2 Indirect calorimetry for critical care nutrition: current evidence and future perspectives

Taku Oshima, Akiyuki Yamamoto, Shigenobu Ishida, Kengo Kondo, Nanami Hata, Takehiko Oami (1. Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Japan, 2. Institute for Advanced Academic Research, Chiba University, Japan, 3. Research Institute for Disaster Medicine, Japan)

EURO7-3 High-dose amino acids in critical illness: therapeutic or toxic?

Jan Gunst^{1,2} (1. Intensive Care Medicine, University Hospitals Leuven, Leuven, Belgium,
2. Laboratory of Intensive Care Medicine, Department of Cellular and Molecular Medicine, KU Leuven, Leuven, Belgium)

EURO7-4 The assessment of muscle mass for evaluating the nutritional status of critically ill patients

Nobuto Nakanishi (Division of Disaster and Emergency Medicine, Department of Surgery Related, Kobe University Graduate School of Medicine, Japan)

The 5th Joint Scientific Congress of TSCCM (Thai) and JSICM 【Symposium】

**3月16日 (日) 8 : 30 ~ 9 : 30 Room 9 Fukuoka International Congress Center 4F 411
Symposium 1 (TJS) The Wisdom of Perioperative Critical Care**

Chairs : Rujipat Samransamruajkit (King Chulalongkorn Memorial Hospital, Faculty of Medicine,
Chulalongkorn University)

Moritoki Egi (Department of anesthesia and intensive care, Kyoto university hospital)

TJS1-1 The Wisdom of Perioperative Critical Care

Suneerat Kongsayreepong (Department of Anesthesiology, Siriraj Hospital, Mahidol University,
Bangkok, Thailand)

TJS1-2 Oxygen in Perioperative Care: Lifesaving Elixir or Silent Enemy?

Satoshi Suzuki (Department of Intensive Care, Okayama University Hospital, Japan)

**3月16日 (日) 9 : 40 ~ 10 : 40 Room 9 Fukuoka International Congress Center 4F 411
Symposium 2 (TJS) Implementation of patient and family-centered care in ICU**

Chairs : Kunchit Piyavechviratana (Department of Medicine, Pulmonary and Critical Care Division,
Phramongkutklao Hospital)

Satoshi Kimura (Department of Anesthesiology, Kyoto University Hospital)

TJS2-1 Implementation of patient and family-centered care in ICU

Chairat Permpikul (Department of Medicine Siriraj Hospital Wanglang road Bangkoknoi Bangkok
10700, Thailand)

**TJS2-2 Implementing Patient and Family-Centred Care in the ICU from Goals of Care
Discussion**

Kenji Morimoto (Department of Paediatric Emergency and Critical Care Medicine, Tokyo
Metropolitan Children's Medical Centre, Japan)

**3月16日 (日) 10 : 50 ~ 11 : 50 Room 9 Fukuoka International Congress Center 4F 411
Symposium 3 (TJS) Emerging critical tropical infection "SFTS"**

Chairs : Chairat Permpikul (Department of Medicine Siriraj Hospital, Mahidol University)

Kent Doi (Dept of Emergency and Critical Care Medicine, The University of Tokyo)

TJS3-1 Emerging Tropical Infection in PICU

Rujipat Samransamruajkit^{1,2,3,4} (1. Department of Pediatrics, King Chulalongkorn Memorial
Hospital, Thailand, 2. Faculty of Medicine, Chulalongkorn University, Thailand, 3. Thai Pediatric
Pulmonary & Critical Care Society, Thailand, 4. Thai Society of Critical Care Medicine, Thailand)

**TJS3-2 Significance of acute blood purification therapy using AN69ST membrane in critical
cases of emerging infectious diseases such as SFTS**

Masaya Yamato (Center for Infectious Diseases, Rinku General Medical Center, Japan)

[Award session]

3月16日 (日) 14 : 40 ~ 15 : 55 Room 9 Fukuoka International Congress Center 4F 411
Award session (TJA)

Chairs : Suthat Rungruanghiranya (Division of Pulmonary and Critical Care Medicine
Faculty of Medicine, Srinakharinwirot University)

Hiroshi Koyama (Department of Critical Care Medicine, Shonan Kamakura General Hospital)

- TJA-1** **Effect of net ultrafiltration rate on ICU mortality rate in critically ill patients receiving continuous renal replacement therapy with vasopressor**
Sirapop Chokchaipruk¹, Nareekarn Klanthes¹, Supakorn Suwansilisil¹,
Chonchanok Boonyakitsombat¹, Konlawij Trongtrakul² (1. Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, 2. Division of Pulmonary, Critical Care, and Allergy, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University)
- TJA-2** **Inhaled Anesthetics Do Not Improve Functional Outcomes in Subarachnoid Hemorrhage Compared with Total Intravenous Anesthesia: A Retrospective Observational Study**
Yudai Iwasaki^{1,2}, Kunio Tarasawa³, Yu Kaiho¹, Saori Ikumi¹, Shizuha Yabuki¹,
Kenji Fujimori³, Masanori Yamauchi¹ (1. Department of Anesthesiology and Perioperative Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan, 2. Department of Emergency Medicine and Critical Care Medicine, Imperial Foundation Saiseikai Utsunomiya Hospital, 3. Department of Health Administration and Policy, Tohoku University Graduate School of Medicine)
- TJA-3** **Sustained low plasma levels of complement factor H induces complement activation leading to worse outcome in patients with sepsis**
Junji Shimizu¹, Kazunori Fujino¹, Tomoki Tanaka¹, Kohei Takashima^{1,2}, Mitsuhiro Fujino¹,
Hidemitsu Miyatake¹, Naoto Mizumura¹, Takuma Kishimoto¹, Yasuyuki Tsujita¹,
Naoto Shiomi¹ (1. Emergency and Intensive Care Unit, Shiga University of Medical Science Hospital, Shiga, Japan, 2. Department of Pediatrics, Shiga University of Medical Science)
- TJA-4** **An Estimation Formula of Ionized Magnesium in Critically Ill Children**
Yurie Yamaga¹, Hiroaki Kato¹, Soichiro Tanimura¹, Tomohiro Wakabayashi²,
Norihiko Tsuboi¹, Shotaro Matsumoto¹, Satoshi Nakagawa¹ (1. Division of Critical Care Medicine, National Center for Child Health and Development, Setagaya, Tokyo, Japan, 2. Division of Critical Care Medicine, Hokkaido Medical Center for Child Health and Rehabilitation)
- TJA-5** **The Impact of a Multicomponent Sleep Enhancement Protocol on Delirium Incidence in Critically Ill Surgical Patients: A Randomized Controlled Trial**
Suchanun Lao-amornphunkul¹, Nuanprae Kitisin¹, Nattaya Raykateeraroj¹, Napat Thikom²,
Nawarat Pochan² (1. Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand, 2. Division of Nursing, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand)
- TJA-6** **Epidemiology and Long-term Outcome of Critically Ill Patients With Severe AKI in Southeast Asia and India**
Nattachai Srisawat, Suri Tangchitthavorngul, Nuttha Lumlertgul,
Sadudee Peerapornratana (Chulalongkorn University, Bangkok, Thailand)

【Oral session】

3月16日 (日) 13:30 ~ 14:30 Room 9 Fukuoka International Congress Center 4F 411
Oral session 1 (TJO)

Chairs : Kunchit Piyavechviratana (Department of Medicine, Pulmonary and Critical Care Division,
Phramongkutklao Hospital)

Kiyoyasu Kurahashi (Shonan Kamakura General Hospital, Shonan Research Institute of Innovative
Medicine, Yokohama City University)

- TJ01-1 Cardiac CSRP3 mediates acute cardiorenal syndrome and subsequent chronic kidney disease**
Yoshio Funahashi^{1,2,3}, Michael P Hutchens^{2,3} (1. Nagoya University Graduate School of Medicine, Nagoya, Japan, 2. Oregon Health & Science University, 3. Portland VA Medical Center)
- TJ01-2 Prognostic significance of early gait recovery after successful weaning from mechanical circulatory support in patients with acute myocardial infarction**
Satoru Hanada^{1,2}, Shohei Koyama³, Yunosuke Matsuura², Koichi Kaikita², Hironao Iwakiri³ (1. Department of Rehabilitation, Miyakonojo Medical Association Hospital, Miyakonojo, Japan, 2. Division of Cardiovascular Medicine and Nephrology, Department of Internal Medicine, Faculty of Medicine, University of Miyazaki, 3. Department of Cardiology, Miyakonojo Medical Association Hospital)
- TJ01-3 The expression of LYVE-1 in LPS-induced ARDS mice and its importance for resolution phase**
Shuntaro Matsunaga, Shinnosuke Takamori, Lin Shen, Man Chen, Ayu Nabila Kusuma Pradana, Tomohiko Akahoshi (Kyushu University Hospital, Disaster and Emergency medicine, Fukuoka, Japan)
- TJ01-4 Implementation of Machine Learning in Predicting Prognostic of Acute Kidney Injury Patients in Resource Limited Setting**
Tanat Lertussavavivat¹, Sira Sriswasdi², Nattachai Srisawat¹ (1. Division of Nephrology, Department of Medicine, Faculty of Medicine, King Chulalongkorn Memorial Hospital, Bangkok, Thailand, 2. Center of Excellence in Computational Molecular Biology, Division of Research Affairs, Faculty of Medicine, Chulalongkorn University)
- TJ01-5 Clinical Predictors of Mortality in Critically Ill Systemic Sclerosis Patients: A 6 year retrospective cohort study**
Boonyarak Wattanarat¹, Anupol Panitchote², Chingching Foocharoen³ (1. Khon Kaen University, Khon Kaen, Thailand, 2. Division of Critical Care Medicine, Department of Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, 3. Division of Rheumatology, Department of Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand)
- TJ01-6 Terlipressin for Refractory Septic Shock: A Randomised Placebo-Controlled Trial (TERESEP)**
Surat Tongyoo, Tanya Tanyalakmara, Chawanee Chayakul, Thipdhorn Aritajati (Critical Care Medicine, Siriraj Hospital, Bangkok, Thailand)

3月16日 (日) 13:30 ~ 14:30 Room 10 Fukuoka International Congress Center 4F 412
Oral session 2 (TJO)

Chairs : Suthat Rungruanghiranya (Division of Pulmonary and Critical Care Medicine
Faculty of Medicine, Srinakharinwirot University)

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

- TJO2-1 CCR2+ monocytes induce lung neutrophil swarming with hypoxemia via CXCL2 signaling after severe acute kidney injury: kidney-lung crosstalk**
Yohei Komaru, Liang Ning, Mark Miller, Andreas Herrlich (Division of Nephrology, Washington University, St. Louis, United States)
- TJO2-2 The renal function trajectory of sepsis-associated acute kidney injury in septic shock: a multicenter prospective study**
Michihito Kyo^{1,2}, Kazuya Kikutani¹, Kyohei Miyamoto³, Yu Kawazoe⁴, Noriko Miyagawa⁴, Hitoshi Yamamura⁵, Yoshinori Ohta⁶, Shinichiro Ohshimo¹, Nobuyuki Hirohashi², Nobuaki Shime¹ (1. Department of Emergency and Critical Care Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan, 2. Department of Radiation Disaster Medicine, Research Institute for Radiation Biology and Medicine, Hiroshima University, 3. Department of Emergency and Critical Care Medicine, Wakayama Medical University, 4. Department of Emergency and Critical Care Medicine, National Hospital Organization Sendai Medical Center, 5. Department of Emergency and Critical Care Medicine, Osaka Minato Central Hospital, 6. Department of Emergency and Critical Care Medicine, National Hospital Organization Kyoto Medical Center)
- TJO2-3 Diffuse Correlation Spectroscopy (DCS) for Noninvasive and Continuous Evaluation of Peripheral Blood Flow in Cardiogenic Shock**
Hiroki Matsushita¹, Koki Kurono², Mikie Nakabayashi², Yuki Yoshida¹, Kei Sato¹, Hidetaka Morita¹, Nana Hiraki¹, Masashi Ichinose³, Yumie Ono⁴, Keita Saku¹ (1. Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center Research Institute, Suita, Japan, 2. Graduate School of Science and Technology, Meiji University, 3. School of Business Administration, Meiji University, 4. School of Science and Technology, Meiji University)
- TJO2-4 Epidemiological of Community-Acquired versus Hospital-Acquired Sepsis in Thailand: A Retrospective Analysis of Incidence, Severity, and Mortality Using ICD-10 Coding (2018-2023)**
Ratapum Champunot (Phitsanulok Provincial Public Health Office, Phitsanulok, Ministry of public health, Thailand, Phitsanulok, Thailand)
- TJO2-5 Impact of Sodium Correction Rates on All-Cause Mortality in Severe Hyponatremia: A Propensity-Matched Cohort Analysis**
Nuttapol Pattamin¹, Nuanprae Kitisin² (1. Bhumibol Adulyadej Hospital, Bangkok, Thailand, 2. Department of Anesthesiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand)
- TJO2-6 Left Ventricular Diastolic Function versus Inferior Vena Cava Diameter Variation for Predicting Fluid Responsiveness in Mechanically Ventilated Shock Patients**
Anutr Thitayanapong, Chailat Maluangnon, Suttisak Wattanasansomboon, Katsakron Kheawkaew, Surat Tongyoo (Division of Critical care, Department of Medicine, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand)

3月16日 (日) 14:40 ~ 15:40 Room 10 Fukuoka International Congress Center 4F 412
Oral session 3 (TJO)

Chairs : Suneerat Kongsayreepong (Department of Anesthesiology, Siriraj Hospital, Mahidol University)
Takeshi Suzuki (Department of Anesthesiology, Tokai University School of Medicine)

- TJO3-1 Inflammatory cytokines produced by superoxide may be the primary cause of poor neurological outcomes in post-cardiac arrest syndrome patients.**
Tsuyoshi Maekawa¹, Motoki Fujita², Ryosuke Tsuruta² (1. Katakura Hospital, Ube, Japan, 2. Emergency and Critical Care Medicine, Yamaguchi University Graduate School of Medicine)
- TJO3-2 Change in Hemodynamics Between Hypotension Prediction Index Response and non-Response Following Volume Loading in High-Risk Patients During Surgery**
Sunthiti Morakul¹, Konlawij Trongtrakul² (1. Ramathibodi Hospital, Mahidol University, Bangkok, Thailand, 2. Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand)
- TJO3-3 Dexmedetomidine Versus Propofol On Intestinal Barrier Function In Patients Undergoing Major Gastrointestinal Tract Surgery: A Prospective RCT**
Jantarat Wisawachaiwat, Thammasak Thawitsri, Pimpisa Assawaroongsakul, Pongpol Sirilaksanamanon, Titipon Payonsri, Nalin Chokengarmwong (Division of Critical Care Medicine, Department of Anesthesiology, Faculty of Medicine, King Chulalongkorn Memorial Hospital, Bangkok, Thailand)
- TJO3-4 Inhaled isoflurane-induced sedation promotes protein degradation and suppresses protein synthesis in mouse skeletal muscles**
Akihisa Taguchi, Shinichi Kai, Moritoki Egi (Kyoto University Hospital, Kyoto, Japan)
- TJO3-5 A time series study of anxiety and depression in families of patients admitted to the intensive care unit**
Masanori Takeda, Hirotaka Masaki, Miyuki Tanabe, Yuki Matsuoka, Teruhiko Suzuki, Akiko Fujii (Nagoya University Hospital, Nagoya, Japan)
- TJO3-6 Assessing the Reliability of Biochemical Markers in Evaluating Caloric Adequacy in Critically Ill Patients. A Secondary Analysis**
Rungsun Bhurayanontachai (Critical Care Medicine Unit, Department of Internal Medicine, Faculty of Medicine, Prince of Songkla University, Hat Yai, Songkhla, Thailand)

【Poster session】

3月16日 (日) 13 : 30 ~ 14 : 30 TSCCM-JSICM Poster Zone Fukuoka International Congress Center 5F Foyer
Poster session 1 (TJP)

Chair : Yuichiro Toda (Anesthesiology and Intensive Care Medicine, Kawasaki Medical School)

- TJP1-1 A Case of Inhaled Nitric Oxide Proved Effective for a Patient with a PFO undergoing ECPELLA Management.**
Miyu Hayashida^{1,2}, Shoichiro Nohara^{1,2}, Rei Yamakawa^{1,2}, Aya Nishikido^{1,2}, Yoshihisa Matsushima^{1,2}, Toshiyuki Yanai^{1,2}, Takashi Ishimatsu^{1,2}, Maki Otsuka^{1,2}, Yoshihiro Fukumoto², Osamu Takasu¹ (1. Department of Emergency and critical care medical center, Kurume University School of Medicine, Kurume, Japan, 2. Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine)
- TJP1-2 Factors associated with thrombophlebitis in peripheral intravenous administration from norepinephrine in patients with sepsis**
Phatsakorn Tangchewacharoen¹, Anupol Panitchote² (1. Khon Kaen University, Khon Kaen, Thailand, 2. Division of Critical Care Medicine, Department of Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand)
- TJP1-3 The feasibility of early mobilization in patients with traumatic hemothorax**
Kosuke Shirotto (Department of Emergency and Critical Care, Aizawa Hospital, Matsumoto, Japan)
- TJP1-4 The use of blood products during resuscitative thoracotomy in trauma**
Kyosuke Takahashi^{1,2}, Kazuhide Matsushima¹, Ajay Prasad¹, Christine Isabella Bent¹, Tatiana Karadimitriou¹, Victoria Ross¹, Kenji Inaba¹ (1. University of Southern California, Los Angeles, United States, 2. Hyogo Prefectural Nishinomiya Hospital)
- TJP1-5 Enhanced Rehabilitation in a Convalescent Rehabilitation Hospital: Improving Functional Outcomes in Critically Ill Patients**
Tomohiro Matsuo¹, Tomoki Yanase¹, Takuro Ohtsubo^{1,2}, Hidenori Akaiwa^{2,3}, Mana Kikuchi^{2,4}, Katsuhiko Ueno¹, Shuichi Kozawa⁵, Yosuke Morimoto^{1,2,6} (1. Department of rehabilitation, Nishi Memorial Port-island Rehabilitation Hospital, Kobe, Japan, 2. Faculty of Rehabilitation, Kobe Gakuin University Graduate School, 3. Department of Rehabilitation, Baba Memorial Hospital, 4. Department of Rehabilitation, Osaka Medical and Pharmaceutical University Hospital, 5. Department of Internal Medicine, Nishi Memorial Port-island Rehabilitation Hospital, 6. Department of Physical Therapy, Faculty of Rehabilitation, Kobe Gakuin University)
- TJP1-6 Effect Of 1,25-Dihydroxyvitamin D3 (Calcitriol) On Outcomes of In-Hospital Sepsis/ Septic Shock: A Randomized Trial**
Chairat Permpikul¹, Pisit Panchaiyapoom², Surat Tongyoo², Suneerat Kongsayreepong³ (1. Division of Critical care, Department of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand, 2. Division of Critical care, Department of Medicine, Siriraj Hospital, Mahidol University, 3. Department of anaesthesiology, Siriraj Hospital, Mahidol University)

3月16日 (日) 14 : 40 ~ 15 : 40 TSCCM-JSICM Poster Zone Fukuoka International Congress Center 5F Foyer
Poster session 2 (TJP)

Chair : Koji Hosokawa (Department of Intensive Care, University of Fukui Hospital)

- TJP2-1 In-hospital complications of non-frailty versus frailty in age > 65-year-old trauma patients at Songklanagarind hospital: a retrospective cohort study analysis**
Titapa K Srisuwan, Osaree Akaraborworn, Nawaporn Assanangkornchai (Songklanagarind hospital, Prince of Songkla University, Songkla, Thailand)

- TJP2-2** **Analysis of differential gene expressions in patients with post cardiac arrest syndrome after out-of-hospital cardiac arrest**
Shunichiro Nakao, Yoshinori Yokono, Yumi Mitsuyama, Takeshi Ebihara, Hisatake Matsumoto, Jun Oda (Osaka University, Suita, Japan)
- TJP2-3** **De-escalation of broad-spectrum antimicrobials and the development of drug-resistant organisms in the ICU; A single-center, retrospective, cohort study**
Jun Makino¹, Takao Goto¹, Kazuya Okada¹, Satoshi Kosaka² (1. Critical Care Medicine, Tokyo Metropolitan Bokutoh Hospital, Sumida-ku, Tokyo, Japan, 2. Pharmacy department, Tokyo Metropolitan Bokutoh Hospital)
- TJP2-4** **The epidemiology of post-extubation respiratory supports in Japan: a retrospective cohort study using the Japanese Intensive care PATient Database**
Toshinori Maezawa, Masaaki Sakuraya, Akihiro Takaba, Kenichi Yoshida (Department of Emergency and Intensive Care Medicine, JA Hiroshima General Hospital, Hatsukaichi, Hiroshima, Japan)
- TJP2-5** **More negative fluid balance during the first 48 hours is not related to mortality in ARDS patients**
Wasineenart Mongkolpun¹, Jiraphong Suwanbunyarit² (1. Critical care department, Sirirajpiyamaharajkarun Hospital, Faculty of Medicine, Bangkok, Thailand, Bangkok, Thailand, 2. Critical care department, Chaophrayayommarat Hospital, Suphanburi, Thailand)
- TJP2-6** **A Case of Thyroid Storm Complicated by Central Diabetes Insipidus**
Ryu J Mori-Iwatate¹, Miki Yamamoto¹, Yoshikuni Kohtaki¹, Keishi Hashimoto¹, Yuji Tokuda¹, Kazuhisa Motomura^{1,2}, Tomohiro Inoue¹, Shuichiro Sagara¹, Munehiro Yoshitomi¹, Hitoshi Koga¹ (1. Emergency and Critical Care Center, St. Mary's Hospital, Kurume, Fukuoka, Japan, 2. Madoka Family Clinic)

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Poster session 3 (TJP)**

Chair : Yusuke Iizuka (Department of Anesthesiology and Critical Care Medicine, Jichi Medical University Saitama Medical Center)

- TJP3-1** **Recurrence of acyclovir-resistant herpes encephalitis**
Daisuke Usuda, Yuta Hotchi, Ipppei Osugi, Sakurako Ito, Risa Katou, Kentaro Mishima, Keiko Mizuno, Hiroki Takami, Tomohisa Nomura, Manabu Sugita (Juntendo University Nerima Hospital, Nerima, Japan)
- TJP3-2** **Correlation of hyperchloremia to time to final diabetic ketoacidosis resolution and the occurrence of acute kidney injury in ICU patients**
Non Nakkara, Nattapat Detsane, Phattharaphon Lin, Wittawat Sermsripong, Konlawij Trongtrakul (Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand)
- TJP3-3** **Survey on incidence rate of intensive care unit-acquired weakness: single-center, prospective observational study**
Hiroyuki Tashima¹, Masaki Ninomiya², Mizuki Tokunaga³, Akiko Hachisuka¹, Satoru Saeki¹ (1. Department of Rehabilitation Medicine, University of Occupational and Environmental Health, Japan, Fukuoka, Japan, 2. JR East Health Promotion Center, 3. Department of Rehabilitation Medicine, Kitakyushu Rehabilitation Center for Children with Disabilities)
- TJP3-4** **Development of Machine Learning-Based Prognostic Prediction Models in Intensive Care Unit**
Hisakatsu Ito¹, Masaru Tobe², Kensuke Sugimoto², Akihito Takemae², Maiko Otaka², Masaki Orihara², Shigeru Saito¹ (1. 1. Department of Anesthesiology and Critical Care Medicine, Gunma University Hospital, Maebashi, Gunma, Japan, 2. Intensive Care Unit, Gunma University Hospital)

- TJP3-5 Role of Connexin43 in sepsis-induced myocardial dysfunction.**
 Man Chen, Shinnosuke Takamori, Shuntaro Matsunaga, Soichi Mizuguchi, Noriyuki Kaku, Tomohiko Akahoshi (Department of Emergency Medicine, Kyushu University, Fukuoka, Japan)
- TJP3-6 Serum ionized calcium as a predictive factor for massive blood transfusion in critically ill trauma patients**
 Osaree Akaraborworn, Teerat Siriwong, Burapat Sangthong, Komet Thongkhao, Onchuda Wongweerakit (Prince of Songkla University, Songkhla, Thailand)

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 Poster session 4 (TJP)**

Chair : Shingo Ichiba (Department of Anesthesiology, Intensive Care Unit, Nihon University Itabashi Hospital)

- TJP4-1 Development of a novel non-invasive positive pressure ventilation mask with a bellows design to prevent medical device-related pressure ulcers**
 Masahiko Hara^{1,2} (1. iDevice, Inc., Osaka, Japan, 2. Center for Community-based Healthcare Research and Education, Shimane University Faculty of Medicine)
- TJP4-2 A female-hormone-like soybean metabolite decreases human neutrophil extracellular traps during lipopolysaccharide treatment**
 Hiromoto Murakami¹, Michiko Ishikawa^{1,2}, Hideki Higashi², Keisuke Kohama¹, Noritomo Fujisaki³, Taketo Inoue¹, Junichi Hirata¹ (1. Department of Emergency, Disaster and Critical Care Medicine, Hyogo Medical University, Nishinomiya, Japan, 2. Department of Medical Engineering, Faculty of Health Care Sciences, Himeji Dokkyo University, Hyogo, Japan, 3. Department of Emergency Medicine, Hiroshima City Hiroshima Citizens Hospital, Hiroshima, Japan)
- TJP4-3 Building Expertise: The Education Program for ICU Nurses on CRRT Combined with Advanced Therapeutic Interventions**
 Aumaporn Chantamart, Pattharaporn Takhumsom, Thonnarat Pornsirat, Sirirat Pramprawat (Siriraj Hospital, Mahidol University, Bangkok, Thailand)
- TJP4-4 Factors enhanced seizure free rate with AMPA receptor antagonist in neurosurgical intensive care unit**
 Panu Boontoterm¹, Siraruj Sakoolnamarka^{1,2}, Karanarak Urasyanandana^{1,3}, pusit Fuengfoo⁴, Anupa Puvichitsutin⁵ (1. Neurological surgery unit, Department of surgery, Phramongkutklao Hospital, 315 Ratchawithi Road, Phayathai, Bangkok, Thailand, Bangkok, Thailand, 2. Advisor of Neurological surgery Unit, Department of surgery, Phramongkutklao Hospital, 315 Ratchawithi Road, Phayathai, Bangkok, Thailand, 3. Neurological surgery unit, Department of surgery, Phramongkutklao Hospital, 315 Ratchawithi Road, Phayathai, Bangkok, Thailand, 4. Department of surgery, Phramongkutklao Hospital, 315 Ratchawithi Road, Phayathai, Bangkok, Thailand, 5. Pharmacist, Bangkok, Thailand)
- TJP4-5 Incidence of probiotic associated central venous catheter blood stream infection in ICU patients : A single-center retrospective cohort study**
 Mitsutoshi Okuda, Akira Hamada, Megumi Yasuda, Mayu Kondo, Ryo Negayama, Momoko Takechi, Naho Hamada, Sunao Irie, Eisuke Hamaguchi, Eisuke Kito (Department of Intensive Care, Kochi Health Sciences Center, Kochi City, Japan)

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Poster session 5 (TJP)**

Chair : Jun Oto (Emergency and Critical Care Medicine, Tokushima University Graduate School of Biomedical Sciences)

- TJP5-1 The Diagnostic Accuracy of the Trendelenburg Maneuver for Predicting Fluid Responsiveness in Mechanically Ventilated Patients with Spontaneous Breathing**
Nuanprae Kitisin, Nattachai Hemtanon, Nattaya Raykateeraroj, Suneerat Kongsayreepong (Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand)
- TJP5-2 ROX index to Predict Successful Extubation in High-risk Postextubation Failure Patients with High-flow Nasal Cannula**
Theethawat Sathirarat¹, Amornchai Lertamornpong¹, Chutima Plukmonton² (1. Pulmonary and Critical Care Medicine, Phramongkutklo Hospital, BANGKOK, Thailand, 2. Department of Anesthesiology, Faculty of Medicine, Thammasat University, Bangkok, Thailand)
- TJP5-3 ECPPELLA for Cardiogenic Shock in Severe Heart Failure with Wolff-Parkinson-White syndrome Related Wide Complex Tachycardia: A Case Report**
Ryohei Fujimoto¹, Ryohei Fujimoto¹, Kei Yunoki¹, Motoki Kubo², Takashi Yamada¹, Tomohiro Yoshino¹, Toshiaki Yamanaka¹, Hiroki Maeyama³, Mitsuaki Matsumoto⁴, Takefumi Oka¹ (1. Cardiovascular Medicine, Tsuyama Chuo Hospital, Tsuyama, Japan, 2. Cardiovascular Medicine, Okayama Heart Clinic, 3. Emergency and Critical Care Medicine, Tsuyama Chuo Hospital, 4. Cardiovascular Surgery, Tsuyama Chuo Hospital)
- TJP5-4 The role of oxidized-LDL on aggravation of lung injury in MAFLD patients**
Shen Lin, Shuntaro Matsunaga, Soichi Mizuguchi, Noriyuki Kaku, Shinnosuke Takamori, Tomohiko Akahoshi (Department of Emergency Medicine, Kyushu University, Kyushu, Japan, Fukuoka, Japan)
- TJP5-5 Transition from sevoflurane anesthesia to sedation with propofol for pediatric proton beam therapy at our facility**
Yuzo Shimazu, Taichi Shiraishi, Rie Otsuki, Hisashi Hattori (Southern TOHOKU Reserch Institute for Neuroscience, Koriyama, Japan)
- TJP5-6 Assessment of proper randomization by calculating the standardized difference in randomized controlled trials in the field of intensive care**
Naoi Tsurumachi, Kazuhiro Urabe, Ryousuke Osawa, Takashi Asai (Dokkyo Medical University Saitama Medical Center, Koshigaya, Japan)

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Poster session 6 (TJP)**

Chair : Jiro Kurata (Department of Anesthesiology, Jikei University School of Medicine)

- TJP6-1 Interim Analysis of the Early Intravenous Hydrocortisone in Sepsis: A Randomized Control Trial (The EARL-HYDRO Trial)**
Wasin Pansiritanachot^{1,2}, Chairat Permpikul¹, Surat Tongyoo¹, Tipa Chakorn², Patimaporn Wongprompitak³, Sansnee Senawong³ (1. Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, 2. Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, 3. Department of Immunology, Faculty of Medicine Siriraj Hospital, Mahidol University)
- TJP6-2 Age as a decisive factor in general anaesthesia use in paediatric proton beam therapy**
Yuzo Shimazu, Rie Otsuki, Hisahi Hattori (Southern TOHOKU Reserch Institute for Neuroscience, Koriyama, Japan)

- TJP6-3 Increasing Efficiency and Quality of Intensive Care through Digitalization and the Use of Patient Information Systems**
Yuki Mochida, Yasuhiko kaita, Yoshihiro Yamaguchi (Department of Trauma and Critical Care Medicine, Kyorin University School of Medicine, Tokyo, Japan)
- TJP6-4 Care Bundles to Improve Hemoperfusion Performance in Patients with Severe COVID-19: A Retrospective Study**
Konlawij Trongtrakul¹, Sirirat Mueankwan², Pattaporn Tajarernmuang¹, Nutchanok Niyatiwatchanchai¹, Prit Kusirisin³, Phoom Narongkiatikhun³ (1. Division of Pulmonology, Critical Care, and Allergy, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, 2. Surgical Intensive Care Unit, Division of Nursing Services, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, 3. Division of Nephrology, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand)
- TJP6-5 The role of intensivist for handling mega-disaster, especially NBC and CBRNE hazards, and the disaster medicine compendium**
Yoshi Haraguchi (Tsubatake Keiyo Hospital, Tokyo, Japan)

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Poster session 7 (TJP)**

Chair : Shinichi Kai (Department of Anesthesia, Kyoto University Hospital)

- TJP7-1 Perioperative Hemoperfusion in Noncardiac Surgery**
Butsayaporn Kongsayreepong, Suneerat Kongsayreepong, Jirapat Pratchayopak, Thirada Srinil, (Siriraj Hospital, Mahidol University, Bangkok, Thailand)
- TJP7-2 development of caring model for sepsis patients in khokpho hospital and service network**
Sutthinee Boonmee and others (Department of medicine, Khokpho hospital , Pattani , Thailand)
- TJP7-3 The case of a 1-month-old infant with emergency airway due to a giant lymphangioma of floor the mouth**
Takehito Sato, Masashi Takakura, Yui Somura, Shogo Suzuki, Takahiro Tamura (Nagoya University Hospital Department of Anesthesiology, Division of Surgical Intensive Care Unit, Nagoya City, Japan)
- TJP7-4 Renal tubular acidosis triggered by COVID-19: A Case Report**
Ryuto Yokoyama¹, Daisuke Kudou², Takashi Nakata², Yoshihiko Mitobe², Shigeki Kushimoto² (1. Department of Emergency and Critical Care Medicine, Yamagata University Hospital, Yamagata, Japan, 2. Department of Emergency and Critical Care Medicine, Tohoku University Hospital)
- TJP7-5 Airway Management by Cricothyroidotomy Tube in a Patient with Osteogenesis Imperfecta**
Minami Sakamoto¹, Nobuyoshi Kusama¹, Hitomi Taka¹, Kazuyuki Nakai², Nobuko Sasano³ (1. Department of Anesthesiology, Nagoya City University West Medical Center, Nagoya, Japan, 2. Department of Otorhinolaryngology, Nagoya City University West Medical Center, 3. Department of Intensive Care Medicine, Nagoya City University West Medical Center)