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<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Title</th>
<th>Speaker</th>
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<td>Oct. 24</td>
<td>8:30 - 9:30</td>
<td>Hall C (4F) at Tokyo International Forum</td>
<td>Educational Lecture 5</td>
<td>Chairperson: Yoshihiro Yamaguchi</td>
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<td></td>
<td><strong>COLLATERAL THINKING AND CRISIS RESOURCE MANAGEMENT IN EMERGENCY MEDICINE</strong></td>
<td>Department of Emergency Medicine and Naretnthorn EMS Center, Rajavithi Hospital under Department of Medical Services, Ministry of Public Health, Thailand</td>
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<td><strong>THE PROBLEM OF PRE-INJURY ANTICOAGULATION USE: WHAT YOU NEED TO KNOW</strong></td>
<td>Division of Trauma, Surgical Critical Care and Burns, University of California San Diego School of Medicine, USA</td>
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<td>10:40 - 11:40</td>
<td>Hall C (4F) at Tokyo International Forum</td>
<td>Educational Lecture 7</td>
<td>Chairperson: Hiroyuki Yokota</td>
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<td></td>
<td><strong>END-OF-LIFE CARE IN EMERGENCY DEPARTMENT</strong></td>
<td>Accident &amp; Emergency Department, Queen Elizabeth Hospital, Hong Kong</td>
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<td><strong>EMERGENCY MEDICINE IN THE MIDDLE EAST - IS IT DIFFERENT?</strong></td>
<td>Emergency Medicine, Hamad Medical Corporation, Qatar</td>
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<td><strong>MEDICAL EDUCATION IN EMERGENCY MEDICINE</strong></td>
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<td>Educational Lecture 11</td>
<td>Chairperson: Shinji Ogura</td>
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<td><strong>DISASTER MANAGEMENT TRAINING INITIATIVES IN INDIA</strong></td>
<td>Department of Emergency Medicine, Max Healthcare, India / Emergency Medicine, George Washington University, USA</td>
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### The 1st Asian Resuscitation Science Symposium (A-ReSS)

**Oct. 24 / 8:00 - 9:30 (Hall D7 (7F) at Tokyo International Forum)**

#### A-ReSS 1

**Neonatal, Pediatric and Prevention**

**Chairpersons:** Han-Suk Kim (Pediatrics, Seoul National University College of Medicine, Korea), Hiroshi Nonogi (Shizuoka General Hospital, Japan)

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<th><strong>AR1-1</strong></th>
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<tbody>
<tr>
<td>Han-Suk Kim</td>
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<tr>
<td>Pediatrics, Seoul National University College of Medicine, Korea</td>
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<tr>
<th><strong>AR1-2</strong></th>
<th>IMPACT OF CAB AND CC ONLY CPR ON PAEDIATRIC OUT-OF-HOSPITAL CARDIAC ARREST: AN INTERIM REPORT FROM SOS-KANTO 2012</th>
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<tr>
<td>Naoki Shimizu</td>
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<tr>
<td>Department of Paediatric Critical Care Medicine, Tokyo Metropolitan Children's Medical Centre, Japan</td>
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<tr>
<td>Migaku Kikuchi</td>
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<tr>
<td>Department of Cardiovascular Medicine, Dokkyo Medical University, Japan</td>
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<tr>
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<tr>
<td>Yoshio Tahara</td>
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<tr>
<td>Division of Cardiology, Yokohama City University Medical Center, Japan</td>
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<tr>
<td>Hiroshi Okudera</td>
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<tr>
<td>Department of Crisis Medicine, Graduate School of Medicine, University of Toyama, Japan</td>
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<tr>
<td>Jirapat Suriyachaisawat</td>
<td></td>
</tr>
<tr>
<td>Emergency Department, Bangkok Hospital, Bangkok Hospital Group, Thailand</td>
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**Oct. 24 / 9:35 - 10:15 (Hall D7 (7F) at Tokyo International Forum)**

#### A-ReSS : Special Lecture1

**Chairpersons:** Orlando R. Bugarin (Philippine College of Cardiology, Philippines), Hiroshi Noguchi (Aichi Emergency Medical Information Center, Japan)

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<th><strong>AR-SL1</strong></th>
<th>CONDUCTING PRE-HOSPITAL RESUSCITATION RESEARCH</th>
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<tr>
<td>Ian G. Stiell</td>
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<tr>
<td>Department of Emergency Medicine, University of Ottawa, Canada</td>
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**Oct. 24 / 10:20 - 11:50 (Hall D7 (7F) at Tokyo International Forum)**

#### A-ReSS 2

**Recognition of Cardiac Arrests/ Dispatcher CPR**

**Chairpersons:** Bentley Bobrow (Arizona Department of Health Services, USA), Hideharu Tanaka (Department of Emergency System, Graduate School of Sport System, Kokushikan University, Japan)

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<th>TELEPHONE CPR: THE ANCHOR LINK IN THE CHAIN OF SURVIVAL</th>
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<tr>
<td>Bentley Bobrow</td>
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<tr>
<td>Arizona Department of Health Services, USA</td>
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<tr>
<td>Hidetada Fukushima</td>
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<tr>
<td>Department of Emergency and Critical Care Medicine, Nara Medical University, Japan</td>
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</table>

ACEM October 23-25, 2013, Tokyo
AR2-3 CONTINUOUS QUALITY IMPROVEMENT PROGRAM FOR DISPATCHER TO PROPERLY INSTRUCT LAY PEOPLE IN CPR - FUKUOKA CITY PRACTICE -
Tomoo Kanna
Faculty of Medical Sciences, Department of Advanced Medical Initiatives, Disaster and Emergency Medicine, Kyushu University, Japan

AR2-4 DEVELOPING AND IMPLEMENTING DA CPR PROGRAM IN FD (IN KOREA)
Seung Chul Lee
Department of Emergency Medicine, Graduate School, Dongguk University, Korea

AR2-5 A MULTIDIMENSIONAL APPROACH TO EFFECTIVELY ENHANCE DA-CPR RECOGNITION
Patrick Chow-In Ko
Department of Emergency Medicine, National Taiwan University Hospital, Taiwan

AR2-6 PAROS 2 TRIAL TO EVALUATE THE EFFECTIVENESS OF SYSTEMATIC DISPATCHER CPR TRAINING
YihYng Ng
Medical Department, Singapore Civil Defence Force, Singapore

Oct. 24 / 12:00 - 12:45 (Hall D7 (7F) at Tokyo International Forum)
Luncheon Meeting and Award Ceremony
Grantor: Swee Han Lim (Department of Emergency Medicine, Singapore General Hospital, Singapore)
LS
Kazuo Okada
Japan Resuscitation Council (JRC), Japan

Oct. 24 / 12:45 - 13:25 (Hall D7 (7F) at Tokyo International Forum)
A-ReSS : Keynote Lecture
Sponsored by Phillips Electronics Japan, Ltd.
Chairpersons: Mayuki Aibiki (Department of Emergency Medicine, Ehime University, Graduate School of Medicine, Japan)
Parinya Kunawut (Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand)

AR-KL REPAIRING REPERFUSION INJURY: EMERGENCY MITOCHONDRIAL AND METABOLIC MEDICINE
Lance B. Becker
University of Pennsylvania, USA

Oct. 24 / 13:30 - 15:00 (Hall D7 (7F) at Tokyo International Forum)
A-ReSS 3
How Do We Implement of CPR and PAD in Asian Country
Chairpersons: Taku Iwami (Kyoto University Health Sevice, Japan)
Matthew Huei-Ming Ma (Department of Emergency Medicine, National Taiwan University, Taiwan)

AR3-1 SIMPLIFIED CPR TRAINING PROGRAM WITH CHEST COMPRESSIONS AND AN AED USE FOR THE NON-MEDICAL STAFFS
Tomoya Hirose
Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School, Japan

AR3-2 IMPLEMENTATION OF PUBLIC ACCESS DEFIBRILLATION IN TAIWAN: A COMMUNITY JOINT VENTURE
Matthew Huei-Ming Ma
Department of Emergency Medicine, National Taiwan University Hospital, Taiwan
STRATEGIC IMPLEMENTATION OF CPR AND PAD IN ASIAN COUNTRY
Eui Jung Lee
Department of Emergency Medicine, Seoul National University Hospital, Korea

IMPACT OF HIGH QUALITY CPR TRAINING AND PAD SYSTEM
Marcus Eng Hock Ong
Department of Emergency Medicine, Singapore General Hospital, Singapore

SUCCESSFUL IMPLEMENTATION OF CITIZEN CPR AND PUBLIC ACCESS DEFIBRILLATION IN JAPAN. HOW DID WE DO IT?
Kentaro Kajino
Health Policy Bureau, Guidance of Medical Service Division, Ministry of Health, Labour and Welfare Government of Japan, Japan

HOW TO IMPLEMENT CPR AND PAD IN INDONESIA
Ali Haedar
Department of Emergency Medicine, Universitas Brawijaya, Indonesia

MECHANICAL CPR FOR OUT-OF-HOSPITAL CARDIAC ARREST
Anantharaman Venkataraman
Department of Emergency Medicine, Singapore General Hospital, Singapore

ASSOCIATION BETWEEN EJECTION FRACTION, SURVIVAL, AND GOOD NEUROLOGIC FUNCTION IN POST-ARREST PATIENTS
David Foster Gaieski
Department of Emergency Medicine, Perelman School of Medicine at the University of Pennsylvania, USA

THE RELATIONSHIP BETWEEN THE EEG FINDINGS AND PROGNOSIS IN CARDIAC ARREST PATIENTS WITH THE THERAPEUTIC HYPOThERMIA
GunTak Lee
Department of Emergency Medicine, Samsung Medical Center, Korea

REGIONAL CEREBRAL OXYGEN SATURATION FOR NEUROLOGICAL PROGNOSTICATION OF PATIENTS WITH OUT-OF-HOSPITAL CARDIAC ARREST
Kei Nishiyama
Primary Care and Emergency Medicine, Kyoto University Graduate School of Medicine, Japan

EXTRACORPOREAL CARDIOPULMONARY RESUSCITATION FOR OUT-OF-HOSPITAL CARDIAC ARREST
Naoto Morimura
Department of Emergency Medicine, Yokohama City University Graduate School of Medicine, Japan

POST-RESUSCITATION CARE WITH THERAPEUTIC HYPOThERMIA AND PERCUTANEOUS CORONARY INTERVENTION
Ken Nagao
Department of Cardiology, Surugadai Nihon University Hospital, Japan
Oct. 24 / 7:30 - 8:30 (Hall D5 (5F) at Tokyo International Forum)
Morning Seminar 1 / Educational Lecture

Quality Management in the Emergency Department
Chairperson: Sanjay Anilkumar Patel (Khoo Teck Puat Hospital, Singapore)

MS1 QUALITY MANAGEMENT IN THE EMERGENCY DEPARTMENT: A SURVEY OF STANDARDS IN TERTIARY HOSPITALS
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Ogcheol Lee (Red Cross College of Nursing, Chung-Ang University, Korea)

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MH Thamrin Hospital, Indonesia
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Accident & Emergency Department, Tuen Mun Hospital, Hospital Authority, Hong Kong
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Nurul'Ain Ahayalimudin
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Department of Nursing, Aomori University of Health and Welfare Graduate School of Health Science, Japan
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Nursing
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Hidekazu Yukioka (Division of Critical Care Medicine, Department of Physical Therapy, Faculty of Health Science, Osaka Yukioka College of Health Science, Japan)

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Lai Fong Yip
Department of Emergency Medicine, Singapore General Hospital, Singapore

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Chi Ho Ivan Wong
Accident & Emergency Department, United Christian Hospital, Hong Kong

O6-4 EASE OVERCROWDING IN EMERGENCY DEPARTMENT BY REDUCE TIME TAKEN OF PATIENTS TO REACH INPATIENTS WARDS
Norizan Jaafar
Department of Emergency Medicine, Singapore General Hospital, Singapore

O6-5 THE DEVELOPMENT OF EMERGENCY NURSE PRACTITIONER IN HONG KONG-CHANGE AND CHALLENGE
Chi Ho Ivan Wong
Accident & Emergency Department, United Christian Hospital, Hong Kong

O6-6 STRUCTURE MODEL OF FAMILY NURSING PROVIDED BY NURSES IN EMERGENCY AND CRITICAL CARE
Yoshie Yamase
Japanese Red Cross Kyushu International College of Nursing, Japan

O6-7 EFFECTIVENESS OF NURSE-LED ROUND USING A CHECKLIST FOR NUTRITION IN EMERGENCY MEDICAL CARE CENTER
Yasuhisa Nakatani
Emergency Medical Care Center, Osaka University Graduate School of Medicine, Japan

O6-8 PRESENT STATUS AND FUTURE PROSPECTS OF VAP IN OUR INSTITUTION BY VAP SURVEILLANCE
Junji Shimauchi
Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Japan

O6-9 CARE FOR PATIENTS' FAMILIES WHO HAVE DECIDED ON DNAR: VIEWS OF NURSES SEARCHING FOR THE NEEDS OF FAMILIES
Yuri Sakaki
Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Japan

O6-10 ASSURING PATIENT SAFETY THROUGH THE COMPETENCY-BASED ASSESSMENT TOOL IN A CLUSTER EMERGENCY DEPARTMENT IN HONG KONG
Chi Chung Chan
Accident & Emergency Department, Tuen Mum Hospital, Hong Kong

Oct. 24 / 15:00 - 16:30 (Hall D5 (5F) at Tokyo International Forum)
Award session 1 : Oral

Chairpersons: Sui Yuet Chung Axel (A&E Department, North District Hospital, Hong Kong)
Sadaki Inokuchi (Department of Emergency & Critical Care Medicine, Tokai University, School of Medicine, Japan)

AW1-1 PROMETHAZINE VS. LORAZEPAM FOR THE TREATMENT OF PERIPHERAL VERTIGO IN THE EMERGENCY DEPARTMENT: A RANDOMIZED TRIAL
Shadi Asadollahi
Department of Emergency Medicine, Shahid Beheshti University of Medical Sciences, School of Medicine, Iran

AW1-2 A GENOME-WIDE SCAN OF FUNCTIONAL SNPs IDENTIFIES NOVEL LOCI ASSOCIATED WITH ALTERED CLINICAL OUTCOME OF SEPTIC SHOCK
Taka-aki Nakada
Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Japan
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Hsiu-Ping Fan
Department of Emergency Medicine, Chu Shang Show Chwan Hospital / Department of Emergency Medicine, Show Chwan Memorial Hospital / School of Public Health, Taipei Medical University / Institute of Injury Prevention and Control, Taipei Medical University, Taiwan

AW1-4  COMPARING GLIDESCOPE WITH DIRECT LARYNGOSCOPY WITH THE MACINTOSH BLADE IN AIRWAY MANAGEMENT-DATA FROM AN AIRWAY REGISTRY
Evelyn Wong
Emergency Medicine, Singapore General Hospital, Singapore

AW1-5  DEVELOPING A NEW TRAUMA SCORE - NEW DELHI TRAUMA SCORE
Punidha Kaliaperumal
Department of Emergency Medicine, Max Healthcare, India

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Wing Sum Lo
Department of Emergency Medicine, Princess Margaret Hospital, Hong Kong

AW1-7  EFFICACY OF HEMOFILTRATION IN ACUTE ISCHEMIC STROKE MANAGEMENT
Agzam Zhumadilov
Department of Neuroanesthesiology and Critical Care, Republican Research Center for Emergency Medicine, Kazakhstan

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Colin A Graham
Emergency Medicine, Chinese University of Hong Kong, Hong Kong

AW1-9  EARLY CT SIGNS IN OUT-OF-HOSPITAL CARDIAC ARREST SURVIVORS: TEMPORAL PROFILE AND PROGNOSTIC SIGNIFICANCE
Joji Inamasu
Neurocritical Care, Fujita Health University Hospital, Japan

AW1-10  DAMAGE CONTROL ORTHOPEDICS FOR OPEN LONG BONE FRACTURES WITH HEAD TRAUMA
Hiroaki Minehara
Department of Orthopaedic and Trauma Surgery, Kitasato University School of Medicine, Japan

Oct. 24 / 8:30 - 10:00 (Hall D1 (1F) at Tokyo International Forum)
Symposium 2 “Disaster Medicine 1”

International Cooperation

Chairpersons:  H.Abdul Radjak (MH Thamrin Hospital, Indonesia)
              Yasuhiro Yamamoto (Tokyo Rinkai Hospital, Japan)

SY2-1  ACTIVITY OF JAPAN DISASTER RELIEF (JDR) MEDICAL TEAM
Tatsuro Kai
Advisory Committee of JDR Medical Team / Osaka Saiseikai Senri Hospital, Japan

SY2-2  THAILAND INTERNATIONAL COOPERATION FOR EMS SYSTEM
Anuchar Sethasathien
National Institute for Emergency Medicine, Thailand

SY2-3  KOREAN EXPERIENCE OF INTERNATIONAL COOPERATION IN DISASTERS
Bum Jin Oh
Department of Emergency Medicine, University of Ulsan College of Medicine, Asan Medical Center, Korea

SY2-4  PITFALL IN INTERNATIONAL CIVIL-MILITARY COOPERATION: LESSONS LEARNED FROM GREAT EAST JAPAN EARTHQUAKE 2011
Hiroya Goto
Department of Education, Japan Ground Self Defense Force Medical School, Japan
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Former Ambulance Service Chief Executive and National Lead for EMS Operations/ London Olympic and Para Olympic Games 2012/ Advisor to the Asian EMS Council, UK ................................................................. 167

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Naoto Morimura (Department of Emergency Medicine Yokohama City University Graduate School of Medicine, Japan)

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Research Institute of Disaster Management and Emergency Medical System, Kokushikan University, Japan ........................................... 232

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Department of Emergency and Critical Care Medicine, Tokyo Medical University Hachioji Medical Center, Japan ........................................... 233

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Department of Emergency & Trauma, Ampang Hospital, Malaysia ........................................... 234

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Luncheon Seminar 3 / Educational Lecture
JICA
Chairperson: Takashi Ukai (Hyogo Emergency Medical Center, Japan)

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Japan Disaster Relief Team, Japan International Cooperation Agency (JICA), Japan ........................................... 144
Hitoshi Otomo
Japan International Cooperation Agency (JICA), Japan ................................................................. 144
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Wimat Seetamanotch (Public Health Deputy, Thailand)

PD6-1 EXPERIENCE OF MULTI-HOSPITAL EVACUATION IN 2011 THAILAND’S FLOOD DISASTER
Phumin Silapunt
Administration, National Institute for Emergency Medicine, Thailand

PD6-2 EXPERIENCE TAKEN BY A TSUNAMI-STRICKEN HOSPITAL
(SHIZUGAWA PUBLIC HOSPITAL)
Takeshi Kanno
Division of Gastroenterology, Tohoku University Graduate School of Medicine, Japan

PD6-3 THE EVACUATION OF CAIRNS BASE HOSPITAL IN RESPONSE TO CYCLONE YASI
Paul L Cullen
Cairns & Hinterland Health Service, Australia

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PREJUDICE TO PSYCHIATRIC HOSPITAL STAFF
Hidenori Ishii
Futaba Hospital, Japan

PD6-5 LESSON LEARNED IN PATIENT EVACUATION DURING A HOSPITAL FIRE
Kuang-Chau Tsai
Far Eastern Memorial Hospital, Taiwan

PD6-6 HOSPITAL EVACUATION AFTER LARGE EARTHQUAKES
Carl H. Schultz
Department of Emergency Medicine, University of California Irvine School of Medicine, USA

Disaster 2

Chairpersons: Abu Hassan Asaari Abdullah (Emergency Department, Hospital Kuala Lumpur, Malaysia)
Yasumitsu Mizobata (Department of Traumatology and Critical Care Medicine, Osaka City University, Graduate School of Medicine, Japan)

O7-1 ‘NERVE GAS ATTACK’ : REAL MASS ORGANOPHOSPHATE EFFECT DURING DRILL
Alzamani Mohammad Idruse
Emergency Department, Hospital Kuala Lumpur, Malaysia

O7-2 CHALLENGE OF HANDLING TEAR GAS VICTIMS IN MASS GATHERING
Alzamani Mohammad Idruse
Emergency Department, Hospital Kuala Lumpur, Malaysia

O7-3 WHAT DO YOU LEARN FROM THE FUKUSHIMA DAIICHI NUCLEAR POWER PLANT ACCIDENT
Isao Nakajima
Department of Emergency and Critical Care Medicine, Tokai University School of Medicine, Japan

O7-4 REPORT OF TOKYO DISASTER MEDICAL ASSISTANCE TEAM IN THE GREAT EAST JAPAN EARTHQUAKE: A NURSE’S PERSPECTIVE
Manami Akaike
Department of Nursing, Tokyo Women’s Medical University Hospital, Japan

O7-5 COMPARISON OF QUALITY OF ELECTRONIC VERSUS PAPER-BASED EMERGENCY MEDICAL RECORD IN THE AFTERMATH OF EARTHQUAKE
Hu Nie
Emergency Department, West China Hospital, Sichuan University, China
### Symposium 3 “Trauma 1”

**Fluid Resuscitation and Transfusion for Traumatic and Septic Shock Patients**

**Chairpersons:** Kenneth D Boffard (Johannesburg Hospital University of the Witwatersrand, South Africa)  
Yoshinori Murao (Critical Care Medical Center, Kinki University Faculty of Medicine, Japan)

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<th>Speaker</th>
<th>Institution</th>
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<td>SY3-1</td>
<td>Fluid Resuscitation of Trauma Patients: How Fast and How Much?</td>
<td>Yasuaki Mizushima</td>
<td>Senshu Trauma and Critical Care Center, Rinku General Medical Center, Japan</td>
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<td>SY3-2</td>
<td>Current Issues in Fluid Resuscitation Following Trauma &amp; Sepsis</td>
<td>Nik Hisamuddin Nik Ab Rahman</td>
<td>Emergency Medicine, Hospital Universiti Sains Malaysia, Malaysia</td>
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<td>SY3-3</td>
<td>Permissive Hypotension in Trauma</td>
<td>Timothy Hudson Rainer</td>
<td>Emergency Medicine, Chinese University of Hong Kong, Hong Kong</td>
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<td>SY3-4</td>
<td>Impact of Patient Positions on Non-Invasive Haemodynamic Measurement</td>
<td>Pui Ling Cheung</td>
<td>Accident and Emergency Department, Princess Margaret Hospital, Hong Kong</td>
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<td>SY3-5</td>
<td>Comparison of Inferior Vena Cava as Estimation of Volume Between Two- and Three-Dimensional Echocardiography</td>
<td>Takeji Saitoh</td>
<td>Department of Emergency Medicine, Hamamatsu University School of Medicine, Japan</td>
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### Symposium 4 “Trauma 2”

**Diagnostic Imaging for Trauma Patients**

**Chairpersons:** Elmin Steyn (Trauma Surgery, Christian Barnard Memorial Hospital, South Africa)  
Hiroshi Tanaka (Department of Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital, Japan)

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<td>Focused Assessment with CT for Trauma (FACT): Effectiveness and Correlation</td>
<td>Tomohiro Funabiki</td>
<td>Department of Trauma and Emergency Surgery, Saiseikai Yokohamashi Tobu Hospital, Japan</td>
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SY4-2  DIAGNOSTIC IMAGING FOR TRAUMA PATIENTS  
Haldun Akoglu  
Department of Emergency Medicine, Marmara University, Faculty of Medicine, Turkey  
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SY4-3  ULTRASOUND GUIDED PROCEDURES IN TRAUMA  
Adi Osman  
Trauma & Emergency Department, Hospital Raja Permaisuri Bainun, Malaysia  
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SY4-4  FOCUSED ECHOCARDIOGRAPHY FOR TRAUMA  
Young Rock Ha  
Department of Emergency Medicine, Korean Society of Emergency Imaging Study, Korea  
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SY4-5  ROLE OF LIVER TRANSAMINASE IN DECISION MAKING TO GIVE CONTRAST ENHANCED CT IN PATIENTS WITH BLUNT ABDOMINAL TRAUMA  
Shogo Tanno  
Department of Emergency Medicine, Ina Central Hospital, Japan  
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SY4-6  LUNG ULTRASOUND IN TRAUMA  
Francis Lee  
Acute & Emergency Care Centre, Khoo Teck Puat Hospital, Alexandrahealth Pte Ltd, Singapore  
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Oct. 24 / 12:00 - 13:00 (G 510 (Glass Building 5F) at Tokyo International Forum)  
Luncheon Seminar 4  
Sponsored by Thermo Fisher Scientific K.K.  
Chairperson: Yeong Cheol Kim (Department of Trauma Surgery, National Medical Center, Korea)

LS4  USE OF PROCALCITONIN TO SHORTEN ANTIBIOTIC TREATMENT DURATION IN PATIENTS WITH SEPSIS  
Jerome Pugin  
University Hospitals of Geneva, Switzerland

Oct. 24 / 13:20 - 14:50 (G 510 (Glass Building 5F) at Tokyo International Forum)  
Panel Discussion 7  “Trauma 3”  
Trauma System and Trauma Center  
Chairpersons: Witaya Chadbunchachai (Trauma and Critical Care Center, Khon Kaen Regional Hospital, Thailand)  
Masateru Shindo (Teikyo University Hospital, Trauma Center, Japan)

PD7-1  WHY, WHAT, HOW: TRAUMA SYSTEM, TRAUMA CENTER, TRAUMA DOCTOR  
Yeong Cheol Kim  
Department of Trauma Surgery, National Medical Center, Korea  
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PD7-2  CONCEPT OF TRAUMA SYSTEM  
Nik Hisamuddin Nik Ab Rahman  
Emergency Medicine, Hospital Universiti Sains Malaysia, Malaysia  
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PD7-3  TRAUMA CARE IN HONG KONG  
Timothy Hudson Rainer  
Emergency Medicine, Chinese University of Hong Kong, Hong Kong  
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PD7-4  MANAGEMENT SYSTEM OF MULTIPLE TRAUMA IN ACUTE PHASE OF LERDSIN HOSPITAL  
Pornthip Saisud  
Accident and Emergency, Lerdsin Hospital, Thailand  
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PD7-5  ROLE OF THE TRAUMA CENTER IN JAPAN  
Natsumi Saka  
Trauma and Reconstruction Center, Teikyo University School of Medicine, Japan  
242
### PD7-6  NON ROAD TRAFFIC CAUSES OF MAJOR TRAUMA: A REPORT FROM THE MALAYSIAN NATIONAL TRAUMA DATABASE (NTRD)

Sabariah Faizah Jamaluddin  
Department of Emergency and Trauma, Sungai Buloh Hospital, Malaysia

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### Oct. 24 / 15:00 - 16:30 (G 510 (Glass Building 5F) at Tokyo International Forum)

#### Symposium 10 “ Trauma 4”

**Strategies for Trauma Care Including Damage Control**

**Chairpersons:** Ming Terk Chiu (Tan Tock Seng Hospital, Singapore)  
Yasuhiro Otomo (Department of Acute Critical Care and Disaster Medicine, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan)

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<td>DAMAGE CONTROL ORTHOPEDICS FOR OPEN LONG BONE FRACTURES WITH HEAD TRAUMA</td>
<td>Hiroaki Minehara</td>
<td>Department of Orthopaedic and Trauma Surgery, Kitasato University School of Medicine, Japan</td>
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<td>SY10-2</td>
<td>DAMAGE CONTROL RESUSCITATION IN PAEDIATRIC TRAUMA</td>
<td>Jade Kua</td>
<td>Department of Emergency Medicine, KK Women's and Children's Hospital, Singapore</td>
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<td>SY10-3</td>
<td>MULTIDISCIPLINARY DAMAGE CONTROL SURGERY USING INTERVENTIONAL RADIOLOGY IN PATIENTS WITH SEVERE TRAUMA</td>
<td>Shigeki Kushimoto</td>
<td>Division of Emergency Medicine, Tohoku University Graduate School of Medicine, Japan</td>
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<td>SY10-4</td>
<td>QUICK UPDATE ON FACTS OF DAMAGE CONTROL RESUSCITATION IN TRAUMA CARE</td>
<td>Arif Alper Cevik</td>
<td>Department of Emergency Medicine, Eskisehir Osmangazi University, Turkey</td>
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<td>SY10-5</td>
<td>INTRAOPERATIVE INTERVENTIONAL RADIOLOGY IN COMBINATION WITH EMERGENCY SURGERY FOR SEVERELY INJURED PATIENTS</td>
<td>Yuichi Kataoka</td>
<td>Department of Emergency and Critical Care Medicine, Kitasato University School of Medicine, Japan</td>
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### Oct. 24 / 8:30 - 10:00 (G 502 (Glass Building 5F) at Tokyo International Forum)

#### Symposium 5 “ED Crowding”

**Strategies for Overcrowding: Big Picture and Little Details/Experience**

**Chairpersons:** Seikei Hibino (University of Minnesota Medical Center, USA)  
Sandra M. Schneider (Department of Emergency Medicine, North Shore University Hospital, USA)

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<td>ED CROWDING IN THE US: CAUSE, CONSEQUENCES, SOLUTIONS</td>
<td>Sandra M. Schneider</td>
<td>Department of Emergency Medicine, North Shore University Hospital, USA</td>
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<td>THE PERFORMANCE OF TRIAGE SYSTEM IN THE OVERCROWDED EMERGENCY DEPARTMENT OF A JAPANESE TERTIARY-CARE COMMUNITY HOSPITAL</td>
<td>Seung Young Huh</td>
<td>Department of Emergency Medicine, Aizawa Hospital, Japan</td>
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<td>SY5-3</td>
<td>OVERLOADING OF THE HOSPITAL: LESSONS LEARNED FROM VIETNAM</td>
<td>Nguyen Dat Anh</td>
<td>Department of Emergency Medicine, Bach Mai Hospital, Vietnam</td>
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<td>SY5-4</td>
<td>APPLICATION OF A REAL-TIME SURVEILLANCE SYSTEM FOR EMERGENCY DEPARTMENT CROWDING</td>
<td>Lin Hsing-Lin</td>
<td>Division of Trauma, Department of Surgery, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Taiwan</td>
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### Oct. 24 / 10:10 - 11:40 (G 502 (Glass Building 5F) at Tokyo International Forum)

#### Panel Discussion 5 "ED 1"

**Development and Management of ED Triage**

**Chairpersons:**  
Peter Driscoll (St. Andrews University, UK)  
Hiroshi Okudera (Department of Crisis Medicine, (Emergency and Disaster Medicine) Graduate School of Medicine, University of Toyama, Japan)

#### PD5-1

**EMERGENCY DEPARTMENT TRIAGE: IMPLEMENTATION, DATABASE DEVELOPMENT AND REVISION PROCESS**

Kitoji Takuhiro  
Department of Emergency Medicine, University of Alberta, Canada

#### PD5-2

**ED TRIAGE: OUR STEPS TO ESTABLISH THE SYSTEM AND IMPROVE THE QUALITY**

Mototsugu Kohno  
Department of Emergency Medicine, Tsukuba Medical Center Hospital, Japan

#### PD5-3

**DEVELOPMENT AND MANAGEMENT OF ED TRIAGE: KOREAN ED TRIAGE AND ACUITY SCALE (KTAS)**

Kang Hyun Lee  
Department of Emergency Medicine, Yonsei University, Wonju College of Medicine, Korea

#### PD5-4

**DEVELOPMENT AND MANAGEMENT OF TTAS IN TAIWAN**

Chip-Jin Ng  
Department of Emergency Medicine, Chang Gung Memorial Hospital, Taiwan

#### PD5-5

**TRIAGE: TOOL FOR IMPROVING THE QUALITY OF CARE FOR ED PATIENTS**

Faith Mesa Gaerlan  
Department of Emergency Medicine, Philippine General Hospital, University of the Philippines

#### PD5-6

**TRIAGE IN EMERGENCY DEPARTMENTS, WHY AND HOW?**

M Essam Mostafa ELGamal  
Emergency Medicine, Alzahra Hospital Dubai, UAE

### Oct. 24 / 12:00 - 13:00 (G 502 (Glass Building 5F) at Tokyo International Forum)

#### Luncheon Seminar 5

**Sponsored by IMI. Co., Ltd. / Vidacare Corporation**

**Chairperson:** Hideharu Tanaka  
(Department of Emergency System, Graduate School of Sport System, Kokushikan University, Japan)

#### LS5

**EFFECTIVENESS OF IOI FOR EARLY ACCESS Trauma RESUSCITATION - DOES EMTs COULD ESTABLISH EARLY iTV ACCESS -**

Sang Do Shin  
Department of Emergency Medicine, Seoul National University College of Medicine and Seoul National University Hospital, Korea
### EM Research

**Chairpersons:** Seikei Hibino (University of Minnesota Center, USA)  
Masatomo Yamashita (Tokyo University Chiba Medical Center, Japan)

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<td>Madeline WL Phuah</td>
<td>Emergency Department, Tan Tock Seng Hospital, Singapore</td>
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<td>O8-2</td>
<td>ABDOMINAL PAIN IN ELDERLY POPULATION. A CASE WE LEARNED FROM</td>
<td>Mazen Shasha</td>
<td>Emergency Department, Lakeland Health, New Zealand</td>
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<td>THE EARLY PREDICTOR TO DETERMINE THE SEVERITY OF NON-VARICEAL UPPER</td>
<td>Taufiq Abdullah Saleh</td>
<td>Emergency Medicine, Medicine Faculty of Brawijaya University, Indonesia</td>
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<td>Toru Kameda</td>
<td>Department of Emergency Medicine, Japanese Red Cross Society Azumino Hospital, Japan</td>
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<td>Shah Jahan MY Mohd Yussoff</td>
<td>Emergency &amp; Trauma Department, Kuala Lumpur General Hospital, Malaysia</td>
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<td>Naing Naing Linn</td>
<td>Ministry of Health, Myanmar</td>
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<td>GERIATRIC TRAUMA PATIENTS CARE IN MYANMAR</td>
<td>Min Kyaw Aung</td>
<td>Ministry of Health, Myanmar</td>
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### ED Management

**Chairpersons:** Nobuyuki Hirohashi (Department of Emergency and Critical Care Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan)  
Bon Ota (Department of Emergency Medicine, Kyoto Prefectural University of Medicine, Japan)

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<td>CHANGES RELATED TO NURSING TRIAGE AFTER THE INTRODUCTION OF THE JAPANESE TRIAGE AND ACUITY SCALE (JTAS)</td>
<td>Junko Hamamoto</td>
<td>Critical Care Nursing, The Japanese Red Cross Kyushu International College of Nursing, Japan</td>
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**October 24**

**Oral 8**

**Oral 9**
O9-2  STANDARDIZATION OF INTER SHIFT HANOVEROY OF THE PATIENT IN THE EMERGENCY DEPARTMENT
Priyank Bordoloi
Emergency and Trauma, Fortis Memorial and Research Institute, India

O9-3  ASSOCIATION OF MORTALITY WITH COMPONENTS OF TIME IN ED
Drew Balon Richardson
ANU Medical School, The Canberra Hospital, Australian National University Medical School, Australia

O9-4  OBSERVATION UNIT MANAGEMENT OF SEVERELY HYPOGLYCEMIC DIABETIC PATIENTS IN THE ED: A PROSPECTIVE COMPARATIVE STUDY
Nattapon Cherdhirunkorn
Department of Emergency Medicine, Bangkok Hospital, Bangkok Dusit Medical Services Public Co., Ltd, Thailand

O9-5  THE ROLE OF EMERGENCY MEDICINE WARDS IN RELIEVING OVERCROWDING IN EMERGENCY DEPARTMENTS: A COST-EFFECTIVENESS ANALYSIS
Shuk-man Lo
Accident and Emergency Department, Alice Ho Miu Ling Nethersole Hospital, China

O9-6  THE ROLE OF ED IN JAPANESE COMMUNITY HOSPITAL
Taku Tanaka
Medical Emergency and Disaster Center, Kawasaki Municipal Tama Hospital, Japan

O9-7  FEMALE EMERGENCY PHYSICIANS NEED MORE SUPPORTS
Nao Hanaki
Department of Healthcare Economics and Quality Management, Kyoto University, Japan

O9-8  ASSESSMENT OF HYPOTENSION IN NON TRAUMATIC PATIENTS IN EMERGENCY DEPARTMENT: CLINICAL VERSUS RUSH PROTOCOL
Vasanth Ezhilnilavan
Department of A&E, Vinayaka Mission University, Salem, Tamilnadu, India

O9-9  USE OF AN AUDIT TRAIL DATABASE TO CORRECT FRAUDULANT INFORMATION SYSTEM TIME ENTRIES
Drew Balon Richardson
ANU Medical School, The Canberra Hospital, Australian National University Medical School, Australia

O9-10 TO ERR IS HUMAN: MEDICAL DECISION MAKING AND ERROR IN MEDICINE
Luke T Day
Department of Emergency Medicine, United States Naval Hospital Yokosuka, Japan

Oct. 24 / 8:30 - 10:00 (G 409 (Glass Building 4F) at Tokyo International Forum)
Symposium 6 “Pharmacist”
The Roles of Pharmacists in Emergency Medicine and Disaster Medical Care

Chairpersons:  Alzamani Mohammad Idrose (Emergency Department, Hospital Kuala Lumpur, Malaysia)
               Isao Saito (Department of Hospital Pharmaceutics, School of Pharmacy, Showa University, Japan)

SY6-1  ROLES AND RESPONSIBILITY OF CRITICAL CARE PHARMACISTS IN THAILAND
Sirada Maphanta
Department of Pharmacy Practice, Faculty of Pharmaceutical Sciences, Naresuan University, Thailand

SY6-2  THE ROLE OF PHARMACISTS IN CRITICAL CARE IN JAPAN
Mikihiro Maeda
Department of Pharmacy, St. Maranana Univesity School of Medicine Hospital, Japan

SY6-3  THE ROLE OF THE “DISASTER RELIEF PHARMACIST”
Eiko Kobayashi
Pharmacy / International Medical Relief, Japanese Red Cross Medical Center, Japan
SY6-4  PHARMACOLOGISTS NEED TO BE TEAM MEMBERS ON SITE IN EMERGENCY AND DISASTER MEDICINE
Junko Yamaguchi
Division of Emergency and Critical Care Medicine, Department of Acute Medicine, Nihon University School of Medicine, Japan

SY6-5  THE ROLE OF PHARMACISTS IN MEDICAL DISASTER RESPONSE
Anish Banerjee
Department of Emergency Medicine, Glocal Healthcare Systems Private Limited, India

SY6-6  THE ROLES OF PHARMACISTS IN EMERGENCY AND DISASTER MEDICAL CARE IN MALAYSIA
Alzamani Mohammad Idrose
Emergency Department, Hospital Kuala Lumpur, Malaysia

Oct. 24 / 10:10 - 11:40 (G 409 (Glass Building 4F) at Tokyo International Forum)
Symposium 7 “Fire Department and EMS in Japan”
Prehospital Care System in Japan
Chairpersons: Tsutomu Yajima (Emergency Medical Service Division, Tokyo Fire Department, Japan)
Yasuhiro Yamamoto (Tokyo Rinkai Hospital, Japan)

SY7-1  OVERVIEW OF PREHOSPITAL CARE SYSTEM IN JAPAN
Yukako Hinohara
Ambulance Service Planning Office, Fire and Disaster Management Agency, Ministry of Internal Affairs and Communication, Japan

SY7-2  BYSTANDER EDUCATION IN JAPAN: EFFORTS OF LOCAL FIRE DEPARTMENTS
Shuji Samejima
Fire Bureau Ambulance Service Section, City of Chiba, Japan

SY7-3  TOKYO WORKS TO PROMOTE THE “EMERGENCY ONLY” USE OF AMBULANCE SERVICES BY CITIZENS
Norio Kumai
Emergency Medical Service Division, Tokyo Fire Department, Japan

SY7-4  BASIC EMERGENCY RESCUE ACTIVITIES IN JAPAN AND YOKOHAMA’S UNIQUE INITIATIVE (CALL TRIAGE)
Minoru Ikeya
Yokohama City Fire Bureau, Japan

SY7-5  MEDICAL CONTROL SYSTEM AND PRE-HOSPITAL CARE EDUCATION AT EMERGENCY MEDICAL SERVICES STATION IN JAPAN
Masatomo Indoh
Fire Defense & Control Department, Sapporo City Fire Bureau, Japan

Oct. 24 / 13:20 - 14:20 (G 409 (Glass Building 4F) at Tokyo International Forum)
Educational Lecture 12
Sponsored by TOKIBO Co., LTD
Chairperson: Katsuhiko Sugimoto (Kokushikan University, Graduate School Emergency Medical System, Japan)

EL12  EMS EDUCATION IN THE UNITED STATES
Baxter Larmon
University of California School of Medicine / UCLA Center for Prehospital Care, USA
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<td>Atsushi Sakurai</td>
<td>Division of Emergency and Critical Care Medicine, Department of Acute Medicine, Nihon University School of Medicine, Japan</td>
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<td>Kazuo Okuchi</td>
<td>Department of Emergency and Critical Care Medicine, Nara Medical University, Japan</td>
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<td>AUTOMATIC MEDICAL QUESTIONING SYSTEM FOR AGING SOCIETY</td>
<td>Norifumi Ninomiya</td>
<td>Department of Emergency and Critical Care Medicine, Tamanagayama Hospital Nippon Medical School, Japan</td>
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<td>THE MODE OF TRANSPORTATION PREFERENCES AMONG PATIENTS WITH ACUTE CORONARY SYNDROME IN EMERGENCY DEPARTMENT</td>
<td>Keng-Sheng Chew</td>
<td>Department of Emergency Medicine, School of Medical Sciences, Universiti Sains Malaysia, Malaysia</td>
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<td>O10-5</td>
<td>HELICOPTER TRANSPORT OF SEVERE AND CRITICAL PATIENTS TO MANAGE AMBULANCE DIVERSION BY EMERGENCY MEDICAL CENTERS IN OSAKA</td>
<td>Yuko Nakagawa</td>
<td>Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School of Medicine, Japan</td>
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<td>AIR AMBULANCE SYSTEM IN HOKKAIDO IN THE COMBINATION OF FIXED WING AND HELICOPTER</td>
<td>Yasufumi Asai</td>
<td>Emergency Center, Hakodate Shintoshi Hospital, Japan</td>
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<td>FOR CURBING PREVENTABLE TRAUMA DEATHS IN JAPAN: REPORT FROM THE TRAFFIC ACCIDENT INVESTIGATION COMMITTEE, 2011</td>
<td>Tomokazu Motomura</td>
<td>Department of Emergency and Critical Care Medicine, Chiba Hokusoh Hospital, Nippon Medical School, Japan</td>
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<td>O10-8</td>
<td>THE KAMERA PROJECT: A REAL-TIME SURVEILLANCE SYSTEM FOR ED CROWDING</td>
<td>Lin Hsing-Lin</td>
<td>Division of Trauma, Department of Surgery, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Taiwan</td>
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<td>COMPARISON OF THE PATIENT VOLUME BETWEEN SOUTH AFRICA AND JAPAN</td>
<td>Taichiro Tsunoyama</td>
<td>Department of Emergency Medicine, University of Teikyo, Japan</td>
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<td>RESEARCH IN EMS PERFORMANCE MEASURE: WHAT IS THE BEST RESEARCH PARADIGM?</td>
<td>Mohd Said Nurumal</td>
<td>Department of Critical Care Nursing, Faculty of Nursing, International Islamic University Malaysia, Malaysia</td>
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Symposium 8 “Disaster”

**Prehospital Disaster Medicine and Disaster Preparedness**

**Chairpersons:** Yuichi Koido (National Disaster Medical Center, Japan)
Chih Hao Lin (Department of Emergency Medicine National Cheng Kung University Hospital, Taiwan)

**SY8-1**  
INCIDENCE AND MORTALITY RATES OF DISASTERS AND MASS CASUALTY INCIDENTS IN KOREA  
Chu Hyun Kim  
Emergency Medicine, Department of Emergency Medicine, Inje University, College of Medicine, Seoul Paik Hospital, Korea

**SY8-2**  
LEARNINGS FROM A MASSIVE FIRE IN A TERTIARY CARE HOSPITAL IN INDIA  
Angel Rajan Singh  
Department of Hospital Administration, All India Institute of Medical Sciences, India

**SY8-3**  
PREHOSPITAL DISASTER MEDICINE AND DISASTER PREPAREDNESS  
Tareq M AI Hamdan  
Emergency Medicine (KFSHD), Twareat, Saudi Arabia

**SY8-4**  
LESSONS LEARNT FROM THE GREAT EAST JAPAN EARTHQUAKE AND THE NEXT APPROACHES  
Hirotoshi Mizuno  
Guidance of Medical Service Division, Health Policy Bureau, Ministry of Health, Labour and Welfare, Japan

**Oral 2**

**Disaster 1**

**Chairpersons:** Tamorish Kole (Emergency Services Max Health Care, India)
Norifumi Ninomiya (Department of Emergency and Critical Care Medicine, Tama Nagayama Hospital Nippon Medical School, Japan)

**O2-1**  
BUSINESS IMPACT ANALYSIS TO PRIORITIZE HOSPITAL OPERATIONS UNDER SUSPENSION OF WATER SUPPLY  
Hiroshi Suginaka  
Department of Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital, Japan

**O2-2**  
PEDIATRIC PREPAREDNESS FROM DISASTERS  
ANALYSIS OF A DISASTER TRIAGE DRILL IN A JAPANESE PEDIATRIC HOSPITAL  
Masafumi Gima  
Division of Acute and Critical Care, National Medical Center for Children and Mothers, Japan

**O2-3**  
AN ACCELEROMETER MONITORING DURING PATIENTS TRANSPORTATION BY WHEELED MOVING STRETCHER  
Kanako Aoki  
Department of Emergency Center, Tokyo Medical University Hospital, Japan

**O2-4**  
DISASTER MEDICINE IN JAPAN IN RESPONSE TO THE GREAT EAST JAPAN EARTHQUAKE  
Nobuaki Kiriu  
Department of Traumatology and Critical Care Medicine, National Disaster Medical Center, Japan

**O2-5**  
THE RESTORATION OF LAVATORY SYSTEMS IN SHELTERS IS ESSENTIAL FOR PREVENTING OUTBREAKS OF ACUTE GASTROENTERITIS  
Takahisa Kawano  
Department of Emergency Medicine, University of Fukui Hospital, Japan

**O2-6**  
WHEN AND HOW TO RESIGN EVACUATION AFFECTED INPATIENTS IN THE HIGHER FLOOR WHEN FLAME AND SMOKE CHASE UP IN A DISASTER  
Dai Yoshizawa  
Bureau of International Medical Cooperation, National Center for Global Health and Medicine, Japan
O2-7 REQUIREMENTS FOR FOREIGN MEDICAL TEAM SUPPORT IN JAPAN FROM THE EXPERIENCE OF THE GREAT EAST JAPAN EARTHQUAKE
Yosuke Takada
Department of Research, Disaster Reduction and Human Renovation Institution, Japan

O2-8 EXPERIENCE OF BLACKOUT DRILL AND IMPROVEMENT OF CRISIS MANAGEMENT SYSTEMS IN TERTIARY PEDIATRIC HOSPITAL IN JAPAN
Shotaro Matsumoto
Division of Acute and Critical Care, National Medical Center for Children and Mothers, Japan

O2-9 DISASTER VICTIM CARE BY AN EMERGENCY SURGEON ONE YEAR AFTER THE GREAT EAST JAPAN EARTHQUAKE
Kojiro Shiga
Department of Emergency and Critical Care, Keio University Hospital, Japan

O2-10 STAGING CARE UNITS FOR AIR TRANSPORT: A SAFETY NET FOR BUILDING COORDINATION AND COLLABORATION IN DISASTER RESPONSE
Shinichi Nakayama
Emergency Department, Hyogo Emergency Medical Center, Japan

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Yosuke Takada
Department of Research, Disaster Reduction and Human Renovation Institution, Japan

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Emergency Department, Hyogo Emergency Medical Center, Japan

Oct. 24 / 13:20 - 14:50 (Seminar Room 1 (B2F) at Tokyo International Forum)
Symposium 11 “Poisoning”
Recent Features in Toxicology and Activities of Poison Information Center
Chairpersons: Subramanian Senthil Kumaran (H. O. D, Department of Emergency & Critical Care, Sri Gokulam Hospital, India)
Shinichiro Suzaki (Musashino Red Cross Hospital, Japan)

SY11-1 TOXIC DISASTER IN INDIA: HOOCH TRAGEDY
Sunil Kumar Choudhary
Department of Accident and Emergency Medicine, The Mission hospital, India

SY11-2 A SUICIDE TREND USING HYDROGEN SULFIDE IN JAPAN
Yoshito Kamijo
Department of Clinical Toxicology and Psycho-physical Emergency Medicine, Kitasato University
School of Medicine, Japan

SY11-3 POISON EXPOSURE AND THE OBSERVATION UNIT
Dong Haur Phua
Tan Tock Seng Hospital, Singapore

SY11-4 RECENT ADVANCES IN POISONING MANAGEMENT
Yiu-cheung Chan
Hong Kong Poison Information Centre, United Christian Hospital, Hong Kong

SY11-5 THE ROLE OF POISON INFORMATION CENTRE IN EMERGENCY MEDICINE
Rick Fei-lung Lau
Hong Kong Poison Information Centre, United Christian Hospital, Hong Kong

Oct. 24 / 15:00 - 16:30 (Seminar Room 1 (B2F) at Tokyo International Forum)
Oral 11
Infection/Toxicology
Chairpersons: Toshio Nakatani (Department of Emergency and Critical Care Medicine, Kansai Medical University, Japan)
Hidetoshi Shiga (Tokyo University Medical Center, Japan)

O11-1 PREDICTION OF BLOOD CULTURE RESULTS BY MEASURING PROCALCITONIN LEVELS AND OTHER INFLAMMATORY BIOMARKERS
Takao Arai
Department of Emergency and Critical Care Medicine, Tokyo Medical University Hachioji Medical Center, Japan

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The 7th Asian Conference on Emergency Medicine

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Takao Arai
Department of Emergency and Critical Care Medicine, Tokyo Medical University Hachioji Medical Center, Japan
O11-2  PREDICT HIGHLY ANTIMICROBIAL-RESISTANT GRAM-NEGATIVE BACTERIA COLONIZATION IN COMMUNITY PATIENTS AT HOSPITAL ADMISSION
Shey-Ying Chen
Department of Emergency Medicine, National Taiwan University Hospital, Taiwan

O11-3  CLINICAL RISK FACTORS OF ACINETOBACTER BAUMANNII IN ICU PATIENTS
Yoshiaki Inoue
Department of Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital, Japan

O11-4  PSOAS ABSCESES: A DIAGNOSTIC CHALLENGE IN EMERGENCY DEPARTMENTS
Yoshinori Matsuoka
Department of Emergency Medicine, Kobe City Medical Center General Hospital, Japan

O11-5  TRACER ANALYSIS TO DEMONSTRATE REDISTRIBUTION AND DIRECT CYTOTOXIC EFFECT OF CARBON MONOXIDE
Makoto Sawano
Emergency Medicine and Critical Care, Saitama Medical Center, Saitama Medical University, Japan

O11-6  SERUM LEVELS OF S100B PROTEIN, NSE AND GFAP IN PATIENTS WITH ACUTE CARBON MONOXIDE POISONING
Hizir Ufuk Akdemir
Department of Emergency Medicine, Ondokuz Mayis University, Faculty of Medicine, Samsun, Turkey

O11-7  N-ACETYL CYSTEINE AS AN ANTI-OXIDANT: DE-LETHALISING YELLOW PHOSPHOROUS AN ANSWER TO THE UNANSWERED!!
Syed Mohamed Buhari Nazirdeen
Department of Accident, Emergency and Critical Care Medicine, Vinayaka Missions Kirupananda Variyar Medical College and Hospital, Salem, Tamil Nadu, India

O11-8  PYRETHROID A DIFFERENT AND RARE ROUTE OF POISONING
Narendra Nath Jena
Department of Emergency Medicine, Meenakshi Mission Hospital and Research Centre, India

O11-9  MANAGEMENT OF SUSPECTED BODY PACKERS IN THE EMERGENCY DEPARTMENT - A PROSPECTIVE CASE SERIES
Kin Ling Chan
Department of Accidents and Emergency, Queen Elizabeth Hospital, Hong Kong

O11-10 SURVIVING UNKNOWN INTOXICATION; WILL A GOOD RESUSCITATION HELP?
Eva Delsi
Department of Emergency Medicine, Faculty of Medicine - Universitas Brawijaya, Indonesia

Oct. 24 / 8:30 - 10:00 (Seminar Room 2 (B2F) at Tokyo International Forum)
Symposium 9 “Sepsis”

Sepsis

Chairpersons: Peter A Cameron (Emergency Medicine, Hamad Medical Corporation, Qatar) Satoshi Gando (Division of Acute & Critical Care Medicine, Department of Anesthesiology and Critical Care Medicine, Hokkaido University Graduate School of Medicine, Japan)

SY9-1  UPDATE ON SEPSIS
Peter A Cameron
Emergency Medicine, Hamad Medical Corporation, Qatar

SY9-2  RELATIONSHIP BETWEEN WHOLE BLOOD FLUIDITY AND MORTALITY IN CRITICALLY ILL PATIENTS
Shiro Mishima
Department of Emergency & Critical Care Medicine, Tokyo Medical University, Japan

SY9-3  EPIDEMIOLOGY OF SEVERE SEPSIS IN JAPANESE INTENSIVE CARE UNITS: A PROSPECTIVE MULTICENTER STUDY
Hiroshi Ogura
Department of Traumatology and Acute Critical Medicine, Osaka University Medical School, Japan
### Current Management of Sepsis in Thailand

**Pusit Fuengfoo**  
Department of Surgery, Phramongkutklao Hospital, Thailand

### Should Multiple Measurements of Serum Lactate Be Mandatroy for All Patients with Suspected Sepsis?

**Tzong-Luen Wang**  
Emergency Department, Shin-Kong Wu Ho-Su Memorial Hospital, Taiwan

### Validity of MEDS Score to Predict Mortality of Septic Patients in ER

**Rapeeporn Rojsaengroeng**  
Emergency Medicine, Mahidol University, Thailand

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**Sepsis**

**Chairpersons:**  
Hiroyasu Ishikura (Department of Emergency & Critical Care Medicine, Faculty of Medicine, Fukuoka University, Japan)  
Naoshi Takeyama (Department of Emergency and Acute Intensive Care Medicine, Fujita Health University, Japan)

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<td>Department of Emergency and Critical Care Medicine, Aichi Medical University School of Medicine / Department of Emergency and Acute Intensive Care Medicine, Fujita Health University School of Medicine, Japan</td>
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<td>Department of Traumatology and Critical Care Medicine, Kyorin University School of Medicine, Japan</td>
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David Foster Gaieski
Department of Emergency Medicine, Perelman School of Medicine at the University of Pennsylvania, USA

VALUE OF SHOCK INDEX IN PROGNOSTICATING SHORT TERM OUTCOME OF DEATH IN PATIENTS PRESENTING WITH SEVERE SEPSIS AND SHOCK
Shah Jahan MY Mohd Yussof
Emergency & Trauma Department, Kuala Lumpur General Hospital, Malaysia

OCT. 24 / 13:20 - 14:50 (Seminar Room 2 (B2F) at Tokyo International Forum)
Symposium 12 “Critical Care”
Seamless Management and Treatment in ER, OR, ICU for the Critically Ill Patients

Chairpersons: Sang-Bum Hong (Department of Pulmonary and Critical Care Medicine, Asan Medical Center, College of Medicine, University of Ulsan, Korea)
Toshiaki Ikeda (Division of Critical Care Medicine, Tokyo Medical University, Hachioji Medical Center, Japan)

SY12-1 EARLY SOURCE CONTROL WITH EARLY GOAL-DIRECTED THERAPY FOR PATIENTS OF ABDOMINAL SEPTIC SHOCK
Takeo Azuhata
Division of Emergency and Critical Care Medicine, Department of Acute Medicine, Nihon University, School of Medicine, Japan

SY12-2 THE VALUE OF ELEVATED LACTATE LEVEL AND SHOCK INDEX IN NON-TRAUMATIC HYPOTENSIVE PATIENTS
Arif Alper Cevik
Department of Emergency Medicine, Eskisehir Osmangazi University, Turkey

SY12-3 SEAMLESS MANAGEMENT AND TREATMENT IN ER, OR, ICU FOR THE CRITICALLY ILL PATIENTS
Mohammad Fadhly Yahya
Emergency and Trauma, Hospital Melaka, Malaysia

OCT. 24 / 15:00 - 16:30 (Seminar Room 2 (B2F) at Tokyo International Forum)
Oral 12
Critical Care

Chairpersons: Tomoyuki Harada (Department of Critical Care and Emergency Medicine, Tokyo Women’s Medical University, Japan)
Joji Kotani (Department of Emergency, Disaster and Critical Care Medicine, Hyogo College of Medicine, Japan)

O12-1 GLOBAL END-DIASTOLIC VOLUME PREDICTS DELAYED CEREBRAL ISCHEMIA AND PULMONARY EDEMA AFTER SUBARACHNOID HEMORRHAGE
Takashi Tagami
Department of Emergency and Critical Care Medicine, Nippon Medical School, Japan

O12-2 PLASMA ATP IN SIRS PATIENTS
Yuka Sumi
Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital, Japan

O12-3 THE EFFECTS OF SYNBIOTICS ON GUT FLORA AND ENVIRONMENT IN PATIENTS WITH SEVERE BURN INJURY
Asako Matsushima
Critical Care and Trauma Center, Osaka General Medical Center, Japan

O12-4 EFFICACY OF SUBGLOTTIC SUCTION IN THE PREVENTION OF VAP IN VENTILATOR PATIENTS
Navin P Puttum
Critical Care Medicine, Vinayaka Missions Kirupananda Vaniyar Medical College, India
O12-5 HYDROGEN INHALATION IMPROVES NEUROLOGICAL AND CARDIAC OUTCOME IN A RAT MODEL OF CARDIAC ARREST
Kei Hayashida
Department of Emergency and Critical Care Medicine, School of Medicine, Keio University, Japan

O12-6 PILOT RETROSPECTIVE STUDY OF THERAPEUTIC HYPOTHERMIA FOR TREATMENT OF POST-RESUSCITATED CARDIAC ARREST PATIENTS
Mingwei Ng
Yong Loo Lin School of Medicine, National University of Singapore, Singapore

O12-7 WITHDRAWN

O12-8 VINAYAKA COMA SCALE, A NEW COMA SCALE IN THE EMERGENCY ROOM
Susovan Mitra
Department of Emergency and Critical Care Medicine, Vinayaka Mission Kirupananda Vaniyar Medical College, India

O12-9 A CASE OF SYSTEMIC CAPILLARY LEAK SYNDROME WITH SEVERE RHABDOMYOLYSIS
Kyo Inoue
Department of Emergency and Critical Care Medicine, National Hospital Organization Kyoto Medical Center, Japan

O12-10 A CASE OF MAJOR VASCULAR INJURY COMPLICATED WITH UNDIAGNOSED HEMATOLOGICAL DISORDER
Satoshi Otaki
Department of Emergency Medicine and Critical Care, Saitama Medical Center, Saitama Medical University, Japan

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O4-1 PEDIATRIC EMERGENCY MEDICINE IN JAPAN
Nobuaki Inoue
Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children's Medical Center, Japan

O4-2 THE ELECTIVE INTRODUCTION OF ECMO AFFECTS THE OUTCOME OF PEDIATRIC MYOCARDITIS
Nobuyuki Nosaka
Division of Acute and Critical Care, National Medical Center for Children and Mothers, Japan

O4-3 REVISED PEDIATRIC NORMAL HEART RATE RANGES INFLUENCE TRIAGE RESULTS BASED ON JAPANESE TRIAGE AND ACUITY SCALE (JTAS)
Nobuaki Inoue
Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children's Medical Center, Japan

O4-4 WASHING THE ‘DIRTY’ CHILD - LESSONS LEARNT FROM A PAEDIATRIC MASS CASUALTY EXERCISE
Khai Pin Lee
Children’s Emergency, KK Women’s and Children’s Hospital, Singapore

O4-5 UTILITY OF ULTRASOUND FOR ADOLESCENT PATIENTS WITH ABDOMINAL PAIN IN A PEDIATRIC EMERGENCY ROOM
Takaaki Mori
Department of Pediatric Emergency Medicine, Tokyo Metropolitan Children’s Medical Center, Japan

O4-6 NEUTROPENIA IN THE IMMUNOCOMPETENT PAEDIATRIC POPULATION
Khai Pin Lee
Children’s Emergency, KK Women’s and Children’s Hospital, Singapore
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**Oct. 24 / 10:10 - 11:40 (Lecture Space (1) of Exhibition Hall (B2F) at Tokyo International Forum)**

**Oral 5**

**Respiratory Emergencies**

**Chairpersons:** Taro Mizutani (Department of Emergency and Critical Care Medicine, University of Tsukuba, Japan)  
Nik Hisamuddin Nik Ab Rahman (Emergency Medicine, Hospital Universiti Sains, Malaysia)

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<td>Emergency Department, University Hospital of Lille, France</td>
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**STATE OF PAEDIATRIC EMERGENCY CARE IN SINGAPORE**  
*Gene Yong-Kwang Ong*  
Children's Emergency, KK Women's and Children's Hospital, Singapore

**PD8-2**  
**PEDIATRIC EMERGENCY AND CRITICAL CARE MEDICINE IN KOREA**  
*June Dong Park*  
Department of Pediatrics, Seoul National University College of Medicine, Korea

**PD8-3**  
**PEDIATRIC EMERGENCY AND CRITICAL CARE MEDICINE IN JAPAN**  
*Nobuaki Inoue*  
Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children's Medical Center, Japan

**PD8-4**  
**OVER THE RAINBOW “DESIRED ROLE OF EMERGENCY PHYSICIAN FOR PEDIATRIC PATIENTS IN EMERGENCY DEPARTMENT”**  
*Takuro Hayashi*  
Emergency Department, Kobe City Medical Center General Hospital, Japan

### Symposium 13 “Rapid Response System (RRS)”

**SY13-1**  
**RAPID RESPONSE SYSTEM IN UNIVERSITY HOSPITAL IN JAPAN**  
*Kentaro Kawai*  
Emergency & Critical Care Medicine, Tokyo Medical University, Japan

**SY13-2**  
**EFFICACY OF RESPIRATORY SUPPORT TEAM BASED RAPID RESPONSE TEAM IN TRIGGERING THE RAPID RESPONSE SYSTEM**  
*Masayasu Arai*  
Department of Anesthesiology, Kitasato University School of Medicine, Japan

**SY13-3**  
**CREATE A FULL-TIME RAPID RESPONSE SYSTEM IN A HOSPITAL**  
*Fong-Dee Huang*  
Division of Trauma, Department of Emergency, Kaohsiung Veterans General Hospital, Taiwan
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Pulmonary and Critical Care Medicine, Asan Medical Center/University of Ulsan, Korea........................................ 195

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Department of Emergency Medicine, National Taiwan University Hospital, Taiwan...................................................... 195

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Panel Discussion 9 “Disaster Nursing”
Co-hosted by The World Bank Tokyo Development Learning Center
Toward the State-of-the-Art Global Framework on Disaster Nursing: Lessons Learned from Asian Countries
Chairperson: Mieko Ishii (Kitasato University School of Nursing, Japan)

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Emergency Outpatient Nurse Aichi Medical University Hospital, Japan........................................................................... 245

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Chairpersons: Peter Driscoll (St. Andrews University, UK)
Shigeto Oda (Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Japan)

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Emergency Department, Hospital Kuala Lumpur, Malaysia............................................................................................ 256

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Department of Emergency, National Taiwan University Hospital, Taiwan........................................................................ 256

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Hang-A Park  
Department of Emergency Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea

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AW2-6 DEVELOPMENT OF THE HANDBOFF CHECKLIST FROM EMERGENCY PHYSICIAN-TO-HOSPITALIST
Soichi Ito  
Emergency Department, Kawasaki Municipal Hospital Emergency Center, Japan

AW2-7 CREATING A SAFE WORK ENVIRONMENT IN ACCIDENT AND EMERGENCY DEPARTMENT, TUEN MUN HOSPITAL, HONG KONG
Wai Ling Chan  
Accident & Emergency Department, Tuen Mun Hospital, New Territories West Cluster, Hospital Authority, Hong Kong

AW2-8 THE PREDICTORS OF DIFFICULT INTUBATION IN THE EMERGENCY DEPARTMENT
Wei-Ta Huang  
Department of Emergency Medicine, Chi-Mei Medical Center, Taiwan

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Department of Emergency and Critical Care Medicine, Tokyo Medical University, Japan

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Shingo Ichiba (Department of Community and Emergency Medicine, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan)

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Eizo Watanabe (Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Chiba University, Japan)

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Emiko Asaka (Dokkyo Medical University Koshigaya Hospital, Japan)

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**Chairpersons:** Akira Fuse (Department of Emergency and Critical Care Medicine, Nippon Medical School Hospital, Japan)  
Keiko Ueno (Emergency and Critical Care Medicine Department, Tokyo Medical University, Japan)

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Emergency Department, University Hospital of Lille, France

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Mitsuo Ohnishi (Department of Traumatology and Acute Critical Medicine, Osaka University, Graduate School of Medicine, Japan)

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Department of Emergency Medicine, Chang Gung Memorial Hospital, Taiwan

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Aki Inaka (Department of Emergency Medicine and Critical Care, National Center for Global Health and Medicine, Japan)

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Emergency and Critical Care Medicine, Showa University School of Medicine, Japan

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Emergency, Tan Tock Seng Hospital, Singapore

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**Chairpersons:**
Kazuya Kiyota (Tertiary Emergency Medical Center, Saitama Red Cross Hospital, Japan)
Shigeaki Inoue (Tokai University, Institute of Innovative Science and Technology, Japan)

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Francis Kin Chiu Chu
*Accident & Emergency Department, Queen Elizabeth Hospital, Hong Kong*

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Masahito Ueno
*Emergency and Critical Medicine, Tokyo Medical University, Japan*

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Junji Yuzawa
*Central Clinical Laboratories, Tokyo Women's Medical University, Japan*

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*Department of Emergency Medicine, Changhua Christian Hospital, Taiwan*

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Seung Young Huh *(Emergency Department, Aizawa Hospital, Japan)*

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**Chairpersons:** Maki Kida *(Wakayama Medical University, Emergency and Critical Care Medicine, Japan)*  
Kohei Hasegawa *(Massachusetts General Hospital/Harvard Medical School, USA)*

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Hidetada Fukushima (Department of Emergency and Critical Care Medicine, Nara Medical University, Japan)

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Department of Emergency Medicine, Bezmialem Vakif University, Turkey

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| Sepsis |

| Chairpersons: Hajime Nakae (Department of Emergency and Critical Care Medicine, Akita University, Graduate School of Medicine, Japan) Yuka Sumi (Department of Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital, Japan) |

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Department of Emergency and Critical Care of Medicine, Fukuoka University Hospital, Japan

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Naoya Matsumoto
Trauma and Acute Critical Care Center, Osaka University Hospital, Japan

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Chairpersons: Keiichi Yagi (Yokohama City Minato Red Cross Hospital, Japan)
Takashi Fujita (Trauma and Resuscitation Center, Tokyo University, Japan)

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Department of Emergency Medicine, Cheng Hsin General Hospital, Taiwan

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Emergency and Critical Care Center, Kochi Health Sciences Center, Japan

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Department of Emergency Medicine and Critical Care, The University of Tokyo, Japan

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Department of Emergency Medicine, Cheng Hsin General Hospital, Taiwan

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Department of Emergency Medicine, Cheng Hsin General Hospital, Taiwan

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Akinori Maeda
Department of Emergency and Critical Care Medicine, The University of Tokyo Hospital, Japan

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Chairpersons: Jun Namiki (Department of Emergency and Critical Care Medicine, Keio University, School of Medicine, Japan)
   Takaya Morooka (Emergency and Critical Care Medical Center & Department of Neurosurgery, Osaka City General Hospital, Japan)

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