12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine in collaboration with WFCCN and WFPICCS

WFSICCM
Seoul 2015

One Step Further: The Pursuit of Excellence in Critical Care

COEX, Seoul, Korea

August 29 (Sat) - September 1 (Tue), 2015

Program Book

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Dear Colleagues,

On behalf of the Organizing Committee, I am pleased to welcome you all to the 12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine in Seoul (WFSICCM Seoul 2015). This year’s congress is held in collaboration with World Federation of Critical Care Nurses and World Federation of Pediatric Intensive and Critical Care Societies. This is the second time the Congress takes place in Asia where intensive and critical care medicine has undergone a marked development over the past decades.

Under the theme of “One Step Further: The Pursuit of Excellence in Critical Care,” WFSICCM Seoul 2015 is ready to provide a diverse array of opportunities for knowledge exchange and professional networking between colleagues from different parts of the world. Indeed, this year’s meeting brings together physicians and nurses from across the globe including resource-limited regions to share insights and discuss current issues confronting each country.

Since ancient times, Asians have believed that the human body is maintained by the “gold mean” and harmony of yin and yang, and many recent studies prove that such medical philosophy is correct. Here in Korea, one of the birthplaces of the medical philosophy of harmony, I hope that all participants will take one more giant step forward in their professional sphere.

I would like to express my sincere gratitude to participants, speakers, and chairpersons, who came all the way to Korea in Far East Asia. And my special thanks go to our sponsors and exhibitors, including Korea Tourism Organization, and Seoul Tourism Organization who have offered us steadfast support by covering a larger portion of the event hosting expenses. Also, I appreciate the dedication and support of our WFSICCM Seoul 2015 Organizing Committee members and Intercom Convention Services over the last four years. Your contributions greatly help us make WFSICCM Seoul 2015 happen.

Again, I welcome you all to Korea and wish you a productive congress.

Thank you.

Younsuck KOH
Chairman
WFSICCM Seoul 2015 Organizing Committee

Dear Honorable Guests,

On behalf of the Korean Society of Critical Care Medicine (KSCCM), I extend my sincere welcome to our distinguished guests from all over the world.

I would like to give my warm welcome especially to our speakers and participants from abroad who took the time out of their busy schedule to be part of this important gathering.

As Korea’s representative organization in the field of Critical Care Medicine, the KSCCM has made an enormous effort to achieve a desired outcome for all critically ill patients so that they could be treated in the world’s best critical care system.

I believe this congress will be able to help the country’s critical care medicine as well as each participant go one step further.

It gives me great pleasure to see KSCCM, WFSICCM, WFCCN and WFPICCS produce great synergy under the theme of “One Step Further” in Seoul, Korea’s capital city where tradition and modernity, nature and highly advanced technology co-exist in a harmonious manner.

It is my hope that this congress will be an opportunity for all participants to achieve significant progress by learning up-to-date knowledge and technique based on mutual understanding of different cultural and social backgrounds.

I believe your enthusiastic participation is an essential element in the success of this congress; I kindly ask for your active participation in all programs.

I wish you a pleasant stay in Seoul, and a meaningful 4-day congress.

Thank you.

Dong-Chan KIM
President
Korean Society of Critical Care Medicine (KSCCM)
On behalf of the Executive Committee and Council of the World Federation of Societies of Intensive and Critical Care Medicine I extend a warm welcome to our 12th World Congress. I also welcome and thank those representatives from industry who are supporting this Congress and joining us at this major event. The central role of the World Federation is to promote the highest standards of care for the critically ill patient and the 12th World Congress will be another important step towards the achievement of this goal. I look forward to your full participation in helping us to take “One Step Further in the Pursuit of Excellence in Critical Care”.

The World Federation has a growing responsibility to foster international collaboration in intensive and critical medicine because of the growing international focus of disease. Critically ill patients pose similar problems worldwide; the process of care may be different but the basic principles remain the same. Also, disease knows no boundaries and whether it is as a result of conflict, terrorism or natural disasters, intensive and critical care practitioners are at the forefront of providing care. At this World Congress we restate our commitment to the promotion of the highest standards of intensive and critical care medicine for mankind, without discrimination. It provides us with a unique opportunity to share experience, knowledge and technologies. We also need to discuss how we can utilize these in resource-limited as well as in wealthy settings.

Seoul was selected as the host city for our 12th World Congress by Council in 2011. Our experiences here over the coming days are the culmination of many years of consultation, planning and preparation. I know this has been a great team effort with contributions from many people and organisations. However, I particularly want to extend my sincere appreciation to Professor Younsuck Koh. His leadership and inspiration have been key factors in the development of this Congress.

So now it’s time for us to join together. For us all to make our own contributions to ensure this Congress is a great success and for us to all to take “One Step Further in the Pursuit of Excellence in Critical Care”.

Jean-Louis VINCENT
President
World Federation of Societies of Intensive and Critical Care Medicine (WFSICCM)

Dear Colleagues

It is my distinct pleasure, on behalf of the World Federation of Critical Care Nurses (WFCCN), to welcome you to the 12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine, in collaboration with WFCCN and the World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS).

WFCCN is extremely pleased that you could join us to celebrate and partake in the many offerings of the Critical Care Congress here in Seoul, Korea. The theme of the Congress “One Step Further: The Pursuit of Excellence in Critical Care” designates the importance of coming together to advance critical care practices to improve care for critically ill patients and families globally.

As you join in all of the learning opportunities and festivities of the 2015 Congress, we hope you will enjoy this most important meeting for critical care practitioners.

The WFCCN, with over 40 international country members representing 600,000 critical care nurses worldwide, is proud to co-host the Congress. We wish you an enjoyable time as you network, share, learn, and strategize with us to promote best patient outcomes and further advance critical care throughout the world.

Ruth KLEINPELL
President
World Federation of Critical Care Nurses (WFCCN)
Dear Friends and Colleagues,

On behalf of World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS) it gives me great pleasure to welcome you to Seoul, Korea for the 12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine (WFSICCM Seoul 2015). This biennial conference is a unique international forum, which is supported by WFSICCM, WFCCN, WFPICCS and KSCCM, and brings together critical care researchers, intensive care nurses and physicians - caring for children or adults, and trainees and students from across the globe at one place.

The scientific committee has laid out an outstanding program, which I am sure will facilitate learning and discussion related to progress in critical care research, development, standards, and applications of these to our patients through high quality plenary research sessions, focused symposia, free paper and poster sessions by individuals, case discussions and workshops. There are tracks and special sessions to discuss pediatric and nursing issues in addition to common sessions and various tracks on core intensive care. For pediatric intensivists the pediatric sessions will cover a wide spectrum of contemporary issues, from basics to most recent advances in the understanding of causation of diseases, their optimum treatment, quality and safety, and organization and delivery of optimal care.

I am sure you will also experience a taste of the Korean hospitality in Seoul. Seoul has been the capital of Korea for over 600 years and is the heart of Korean culture and education as well as politics and economics. It is a city where the old traditions of Korea merge seamlessly with modern technology. Seoul is the home of many historic sites and has places of traditional culture such as traditional Korean village, and traditional market place.

I am confident that WFSICCM Seoul 2015 will be a great opportunity to share and learn from each other several academic insights and advances and to experience the unique culture of Seoul, meet old friends and make new ones.

I personally thank you for your participation and look forward to meeting and interacting with you during the congress.

Sincerely,

Sunit SINGHI
President
World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS)
ULTIVA
The faster way back home

Fast Onset

Fast Offset

Predictability

Safety information

Adverse Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headache</td>
<td>2</td>
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<tr>
<td>Dizziness</td>
<td>3</td>
</tr>
<tr>
<td>Nausea</td>
<td>4</td>
</tr>
<tr>
<td>Vomiting</td>
<td>5</td>
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</table>

Contraindications: 1. As a glucose in the formulation, Ultiva is contraindicated for patients with known hypersensitivity to any component of the formulation and other fentanyl analogues. 2. Ultiva is contraindicated for use as the sole agent for induction of anesthesia.

Abbreviated Prescribing Information Version 01

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Ultiva provides a rapid onset of analgesia compared to other fentanyl analogues. The onset of analgesia is typically within 1-2 minutes.

Fast Offset

Ultiva provides a rapid offset of analgesia compared to other fentanyl analogues. The offset of analgesia is typically within 1-2 minutes.

Predictability

Ultiva provides a predictable onset and offset of analgesia compared to other fentanyl analogues. The onset and offset of analgesia are consistent and predictable.

References

VolumeView Set

DID YOUR PATIENT HAVE CARDIOGENIC SHOCK WITH PULMONARY EDEMA AT 10:07?

From numerics... GEDI: 1057 • GEF: 12 • ScvO₂: 58 • SVI: 22
CI: 2.4 • ELWI: 16 • PVPI: 2.5 • SVRI: 2660

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To give chronic patients the hope of recovery,
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## Congress Information

<table>
<thead>
<tr>
<th>Title</th>
<th>12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine in collaboration with WFCCN and WFPICCS (WFSICCM Seoul 2015)</th>
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<tr>
<td>Theme</td>
<td>One Step Further: The Pursuit of Excellence in Critical Care</td>
</tr>
<tr>
<td>Date</td>
<td>August 29 (Sat) – September 1 (Tue), 2015</td>
</tr>
<tr>
<td>Venue</td>
<td>COEX (Convention and Exhibition Center), Seoul, Korea - Address: 513, Yeongdong-daero, Gangnam-gu, Seoul 06164, Korea - Website: <a href="http://www.coex.co.kr/eng/">http://www.coex.co.kr/eng/</a></td>
</tr>
<tr>
<td>Hosted/Organized by</td>
<td>Korean Society of Critical Care Medicine (KSCCM) World Federation of Societies of Intensive and Critical Care Medicine (WFSICCM) WFSICCM Seoul 2015 Organizing Committee</td>
</tr>
<tr>
<td>Co-hosted by</td>
<td>World Federation of Critical Care Nurses (WFCCN) World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS)</td>
</tr>
<tr>
<td>Expected Number of Participants</td>
<td>3,200 participants from more than 90 countries</td>
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<td>Language</td>
<td>English</td>
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<td>Simultaneous Interpretation</td>
<td>Only Nursing Symposums (WFCCN) will provide English to Korean and Korean to English simultaneous interpretation. * RM 02 (GBR 101) &amp; RM 03 (GBR 102)</td>
</tr>
<tr>
<td>Official Website</td>
<td><a href="http://www.wfsiccm2015.com">www.wfsiccm2015.com</a></td>
</tr>
<tr>
<td>Mobile Application</td>
<td>Visit the App Store (iOS) / Google Play Store (Android) and search WFSICCM 2015 to download - Congress Overview, My Schedule, Exhibition Events etc.</td>
</tr>
<tr>
<td>Secretariat</td>
<td>INTERCOM Convention Services, Inc. 9th Fl., Samick Lavied’or Bldg., 234, Teheran-ro, Gangnam-gu, Seoul 06221, Korea T. 02-3452-7291</td>
</tr>
</tbody>
</table>
Cooperated by (Alphabetical Order)

Local Societies / Organization
Korean Association of Critical Care Nurses
Korean Neurocritical Care Society
Korean Neurological Association
Korean Society for Parenteral and Enteral Nutrition
Korean Society of Critical Care Nursing
The Korean Academy of Tuberculosis and Respiratory Diseases
The Korean Association of Internal Medicine
The Korean Neurosurgical Society
The Korean Pediatric Society
The Korean Society for Thoracic and Cardiovascular Surgery
The Korean Society of Anesthesiologists
The Korean Society of Emergency Medicine
The Korean Surgical Society

Overseas Societies / Organization
Asia Pacific Association of Critical Care Medicine (APACCM)
European Society of Intensive Care Medicine (ESICM)
International Symposium on Intensive Care and Emergency Medicine (ISICEM)
Japanese Societies of Intensive Care Medicine (JSICM)
Society of Critical Care Medicine (SCCM)

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Korean Academy of Medical Science (KAMS)
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WFSICCM Seoul 2015 aims to go

One Step Further with Step-up Presenters
The WFSICCM Seoul 2015 Organizing Committee supports physicians and nurses from countries with limited medical resources.

These supported professionals, called Step-up presenters, will share their experiences and cases including research, case studies and reports on the working environment in the Step-up sessions. Renowned professors will join the sessions as co-chair to discuss the issues facing countries with limited medical resources.

The Step-up sessions will provide insights into how the ICU can be improved and developed with limited medical resources. And these sessions will also help equip participants with knowledge and network, taking the worldwide field of intensive care medicine to a higher level. Gaps occurred from having different perspectives among countries will be reduced by having fruitful discussions.

We hope that many participants at the Congress will join the following Step-up sessions to obtain useful and valuable information and experience.

Step-up Sessions

Step-up Session 1 (SU 01)  August 31 (Mon)  12:30-13:40  RM 02 (GBR 101)
Step-up Session 2 (SU 02)  August 31 (Mon)  12:30-13:40  RM 06 (203)
Step-up Session 3 (SU 03)  August 31 (Mon)  12:30-13:40  RM 07 (208)
Step-up Session 4 (SU 04)  August 31 (Mon)  12:30-13:40  RM 08 (E1+2)
Step-up Session 5 (SU 05)  August 31 (Mon)  12:30-13:40  RM 11 (E5)
Step-up Session 6 (SU 06)  August 31 (Mon)  12:30-13:40  RM 12 (E6)
Step-up Session 7 (SU 07)  September 01 (Tue)  10:50-12:00  RM 06 (203)
Step-up Session 8 (SU 08)  September 01 (Tue)  10:50-12:00  RM 07 (208)
Step-up Session 9 (SU 09)  September 01 (Tue)  10:50-12:00  RM 09 (E3)
Step-up Session 10 (SU 10) September 01 (Tue)  10:50-12:00  RM 10 (E4)

One Step Further with World Health Organization
Since the early 2000s, infectious disease outbreaks including SARS to MERS have increased public awareness about viral respiratory illnesses. Frontline medical professionals are required to better understand such epidemics by outfitting themselves with the experiences, strategies and policies of the World Health Organization (WHO).

In this respect, we believe that the Seoul Congress will be a valuable chance to discuss mutual cooperation on global issues associated with pandemic disease.

WFSICCM-WFCCN-WHO Joint Symposia

WFSICCM-WFCCN-WHO Joint Symposia

WHO and WFSICCM (1): Ebola (SY 70)  September 01 (Tue)  09:00-10:40  RM 04 (GBR 103)
WHO and WFSICCM (2): MERS (SY 81)  September 01 (Tue)  10:50-12:30  RM 04 (GBR 103)
Floor Plan

3F

Auditorium
RM 01 (Auditorium), RM 13 (AD1), RM 14 (AD2)

Auditorium Lobby
Welcome Reception

Hall D
Exhibition Hall (Poster Presentation, Internet Lounge, Cafeteria)

Hall E1–6
RM 08 (E1+2), RM 09 (E3), RM 10 (E4), RM 11 (E5), RM 12 (E6)
Sub Registration Desk

2F

Conference Room North
MTR 01 (201)
RM 06 (203), RM 07 (208)
FR 05 (202A), FR 06 (202B),
FR 07 + FR 08 (204+205),
FR 10 (207A), FR 11 (207B), FR 12 (209)

1F

Grand Ballroom
RM 02 (GBR 101), RM 03 (GBR 102), RM 04 (GBR 103), RM 05 (GBR 104+105)

Grand Ballroom Lobby
Promotional Booths (KTO and STO)
Currency Exchange Counter (Korea Exchange Bank)
Registration Lounge
1F Grand Ballroom

Hall B Lobby
Registration Lounge

RM 02 (GBR 101)
Nursing Session (WFCCN)
Section Plenary Lecture
Luncheon Symposium
Step-up Session
Meet the Expert
Symposium

RM 03 (GBR 102)
Nursing Session (WFCCN)
Luncheon Symposium
Meet the Expert
Symposium

RM 04 (GBR 103)
Section Plenary Lecture
Symposium
Luncheon Symposium
Meet the Expert

RM 05 (GBR 104 + 105)
Symposium
Luncheon Symposium
Meet the Expert

Grand Ballroom Lobby
Promotional Booths (KTO/STO)
Currency Exchange Counter

12th Congress of the World Federation of Societies of Intensive and Critical Care Medicine
in collaboration with WFCCN and WFPICCS (WFSCCM Seoul 2015)
August 29 (Sat) – September 1 (Tue), 2015  COEX, Seoul, Korea
MTR 01 (201)
WFSICCM Meeting Room

RM 06 (203)
Oral Presentation
Workshop

RM 07 (208)
Oral Presentation
Workshop

Invited Faculty Lounge
201 Lobby

FR 05 (202A)
Invited Faculty Secretariat

FR 06 (202B)
"Step-up" Secretariat

FR 07 + FR 08 (204 + 205)
Preview Room

FR 10 (207A)
WFSICCM Secretariat

FR 11 (207B)
WFCCN Secretariat

FR 12 (209)
WFSICCM Seoul 2015 Secretariat
3F Hall D / Auditorium

Hall D
- Exhibition Hall
- Poster Session
- Internet Lounge
- Cafeteria

RM 01 (Auditorium)
- Opening Ceremony
- Closing Ceremony
- (Award Ceremony / Lucky Draw Event)
- Plenary Lecture
- Symposium
- Luncheon Symposium

RM 13 (AD1)
- Workshop

RM 14 (AD2)
- Workshop

3F Hall E

RM 08 (E1 + 2)
- Symposium
- Step-up Session
- Meet the Expert

RM 09 (E3)
- Symposium
- Oral Presentation
- Workshop
- Step-up Session

RM 10 (E4)
- Symposium
- Workshop
- Step-up Session

RM 11 (E5)
- Pediatrics Session (WFPICCS)
- Section Plenary Lecture
- Symposium
- Luncheon Symposium
- Meet the Expert
- Step-up Session

RM 12 (E6)
- Section Plenary Lecture
- Symposium
- Step-up Session

Sub Registration Desk
- Hall E Lobby
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*Philips connected care solution: PIIC iX+Mobile Caregiver+CareEvent

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www.philips.co.kr
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August 29 (Sat)

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<th>Time</th>
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<tbody>
<tr>
<td>09:30-10:20</td>
<td>PL 02, Critical Care Medicine: Current and Future Challenges</td>
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<tr>
<td></td>
<td>SP 01, Advancing Critical Care Nursing</td>
</tr>
<tr>
<td>10:30-12:10</td>
<td>SY 01, State-of-the-Art in ARDS</td>
</tr>
<tr>
<td>10:30-12:10</td>
<td>NR 01, Global Leadership</td>
</tr>
<tr>
<td>10:30-12:10</td>
<td>NR 04, Cardiology Care</td>
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<tr>
<td>10:30-12:10</td>
<td>SY 04, ICU Rehabilitation: Current Issues</td>
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<tr>
<td>10:30-12:10</td>
<td>SY 07, Controversies in the Control of Pain, Anxiety, and Delirium in the ICU</td>
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<td>10:30-12:10</td>
<td>OP 01, Administration/Critical Organization</td>
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<tr>
<td>10:30-12:10</td>
<td>OP 04, Trauma</td>
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**Registration**

- 08:00-08:40: Opening Ceremony
- 08:40-09:30: PL 01, Critical Care Medicine: Current and Future Challenges
- 09:30-10:20: SP 01, Advancing Critical Care Nursing

**Exhibition Opening Ceremony**

- 13:30-14:30: Opening Ceremony

**Welcome Reception**

- 18:00-20:00: Welcome Reception
## Timetable (August 30)

**August 30 (Sun)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00-07:45</td>
<td>E1+2&lt;br&gt;The Front End and Back End in ICU</td>
</tr>
<tr>
<td>07:00-07:45</td>
<td>ME 16&lt;br&gt;The Future of the Treatment of Acute Brain Injury</td>
</tr>
<tr>
<td>07:00-07:45</td>
<td>ME 03&lt;br&gt;Case Discussions: Traumatic Head Injury and CNS Infections</td>
</tr>
<tr>
<td>08:00-08:50</td>
<td>SP 04&lt;br&gt;Pediatric Critical Care - Low Cost Strategies to Save Many Lives</td>
</tr>
<tr>
<td>08:00-08:50</td>
<td>SP 05&lt;br&gt;Optimising Neuroradiology Against Different Healthcare Delivery Systems</td>
</tr>
<tr>
<td>09:00-10:30</td>
<td>SY 30&lt;br&gt;Organization of ICU</td>
</tr>
<tr>
<td>09:00-10:40</td>
<td>WS 13&lt;br&gt;Emergency Neurological Life Support</td>
</tr>
<tr>
<td>09:00-10:40</td>
<td>WS 09&lt;br&gt;WS 09&lt;br&gt;The PrismaNeuro®CRRT System</td>
</tr>
<tr>
<td>10:30-12:00</td>
<td>PED 04&lt;br&gt;Sepsis and Infection</td>
</tr>
<tr>
<td>10:30-12:00</td>
<td>SY 34&lt;br&gt;Emergency Neurological Life Support</td>
</tr>
<tr>
<td>10:50-12:10</td>
<td>SY 31&lt;br&gt;Maximizing ICU Resources</td>
</tr>
<tr>
<td>10:50-12:10</td>
<td>SY 35&lt;br&gt;Cardiovascular Care in Pediatric Surgery &amp; Organ Transplantation</td>
</tr>
<tr>
<td>14:00-15:30</td>
<td>SY 32&lt;br&gt;End-of-life Care</td>
</tr>
<tr>
<td>14:00-15:30</td>
<td>WS 15&lt;br&gt;Vanitlation: How to Effectively Adjust PEEP Using Transpulmonary Pressure Measurements</td>
</tr>
<tr>
<td>14:00-16:30</td>
<td>WS 10&lt;br&gt;The PrismaNeuro®CRRT System</td>
</tr>
<tr>
<td>14:00-15:30</td>
<td>PED 06&lt;br&gt;Collaboration in Research in PCC</td>
</tr>
<tr>
<td>14:00-15:30</td>
<td>WS 12&lt;br&gt;Neuro Critical Care of Neuro Trauma</td>
</tr>
<tr>
<td>14:00-17:00</td>
<td>WS 08&lt;br&gt;Neuro Critical Care of Neuro Trauma</td>
</tr>
<tr>
<td>15:00-17:10</td>
<td>PED 07&lt;br&gt;Acute Kidney Injury and Continuous Renal Replacement Therapy</td>
</tr>
<tr>
<td>15:00-17:10</td>
<td>WS 37&lt;br&gt;Management of Increased Intracranial Pressure</td>
</tr>
<tr>
<td>18:30-21:00</td>
<td>Korean Night</td>
</tr>
</tbody>
</table>
## August 31 (Mon)

<table>
<thead>
<tr>
<th>RM 01</th>
<th>RM 02</th>
<th>RM 03</th>
<th>RM 04</th>
<th>RM 05</th>
<th>RM 06</th>
<th>RM 07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auditorium</td>
<td>GBR 101</td>
<td>GBR 102</td>
<td>GBR 103</td>
<td>GBR 104-5</td>
<td>203</td>
<td>208</td>
</tr>
</tbody>
</table>

**07:00-07:45**
- **PL 04**
  - Septic Acute Kidney Injury

**09:00-10:00**
- **SY 33**
  - Myths and Truth: How to Manage Patients with Abdominal Compartment Syndrome?
- **NR 15**
  - Ethics
- **NR 19**
  - Patient Safety

**10:40-12:20**
- **SY 43**
  - ECMO at CPR
- **SY 47**
  - Rapid Response System

**12:30-13:40**
- **SU 01**
  - Step-up Session (1)
- **LS 11**
  - Noninvasive Continuous Cardiac Output (When Kinder)
- **LS 10**
  - Noninvasive Continuous Cardiac Output (Pediatrics)

**14:00-15:20**
- **SY 40**
  - Improving Practices in Sepsis
- **NR 17**
  - Communication
- **NR 21**
  - Patient Experience

**15:30-17:10**
- **SY 41**
  - Emerging Concepts in Sepsis
- **NR 18**
  - Staff Safety or Conflict Management
- **NR 22**
  - Great Work Place

**18:30-21:30**
- **Faculty Dinner**

---

### Session Details:

- **Technical Sessions**
- **Poster Sessions**
- **Exhibition**

---

### Day Schedule:

- **Registration**
- **Exhibition Hours**
- **Plenary Lecture**
- **Symposium**
- **Nursing Session**
- **Pediatrics Session**

---

### Venue:

- **COEX, Seoul, Korea**

---

### Important Dates:

- **August 29 (Sat) – September 1 (Tue), 2015**
- **WFSICCM Seoul 2015** in collaboration with WFCCN and WFPICCS.
### August 31 (Mon)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00-07:45</td>
<td><strong>ME 09</strong> Local Hemostatic dressings for Bleeding Control</td>
</tr>
<tr>
<td>07:45</td>
<td><strong>SU 04</strong> Step-up Session (4)</td>
</tr>
<tr>
<td>09:00-10:20</td>
<td><strong>SY 50</strong> Ultrasoundography in ICU</td>
</tr>
<tr>
<td>09:00-10:20</td>
<td><strong>SY 54</strong> Recent Issues of Sepsis</td>
</tr>
<tr>
<td>09:00-11:30</td>
<td><strong>WS 17</strong> Non-Invasive Cardiac Output – esCCO</td>
</tr>
<tr>
<td>09:00-10:20</td>
<td><strong>PED 08</strong> Emergency Medicine and Transport</td>
</tr>
<tr>
<td>09:00-10:20</td>
<td><strong>SY 60</strong> Infectious Issues in ICU</td>
</tr>
<tr>
<td>09:00-11:45</td>
<td><strong>WS 19</strong> Electric Impedance Tomography Workshop</td>
</tr>
<tr>
<td>09:00-12:20</td>
<td><strong>WS 16</strong> Ultrasound Hands-on Program - Advanced</td>
</tr>
<tr>
<td>10:40-12:20</td>
<td><strong>SY 51</strong> New Techniques in Functional Lung Imaging</td>
</tr>
<tr>
<td>10:40-12:20</td>
<td><strong>PED 09</strong> Protocols and Checklists</td>
</tr>
<tr>
<td>10:40-12:20</td>
<td><strong>SY 61</strong> Nasal High-flow Therapy across the Continuum of Care</td>
</tr>
<tr>
<td>12:30-13:40</td>
<td><strong>SU 05</strong> Step-up Session (5)</td>
</tr>
<tr>
<td>12:30-13:40</td>
<td><strong>SU 06</strong> Step-up Session (6)</td>
</tr>
<tr>
<td>13:30-17:00</td>
<td><strong>WS 16</strong> Ultrasound Hands-on Program - Advanced</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td><strong>SY 52</strong> How to Prevent Post-operative Complications?</td>
</tr>
<tr>
<td>14:00-15:20</td>
<td><strong>SY 55</strong> Pulmonary Embolism</td>
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<tr>
<td>14:00-16:30</td>
<td><strong>WS 18</strong> Non-Invasive Cardiac Output – esCCO</td>
</tr>
<tr>
<td>14:00-16:30</td>
<td><strong>SY 57</strong> ISF Debates[1]: Synthetic Collagens</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td><strong>SY 62</strong> Critical Care in Spinal Cord Injury</td>
</tr>
<tr>
<td>14:00-15:00</td>
<td><strong>WS 20</strong> Electric Impedance Tomography Workshop</td>
</tr>
<tr>
<td>15:00-16:10</td>
<td><strong>SY 56</strong> ISF Debates[2]: Steroids</td>
</tr>
<tr>
<td>15:00-16:10</td>
<td><strong>SY 57</strong> ISF Debates[3]: Guidelines</td>
</tr>
<tr>
<td>15:00-17:10</td>
<td><strong>SY 63</strong> The Immunosuppressed ICU Patient</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td><strong>SY 55</strong> ISF Debates[4]: Steroids</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td><strong>SY 57</strong> ISF Debates[3]: Guidelines</td>
</tr>
<tr>
<td>18:30-21:30</td>
<td><strong>SU 06</strong> Step-up Session (6)</td>
</tr>
</tbody>
</table>

**Facility:**
- **ME:** Meet the Expert
- **SU:** Step-up Session
- **WS:** Workshop
- **OP:** Oral Presentation
- **LS:** Luncheon Symposium
# September 01 (Tue)

<table>
<thead>
<tr>
<th>Time</th>
<th>RM 08</th>
<th>RM 09</th>
<th>RM 10</th>
<th>RM 11</th>
<th>RM 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00-07:45</td>
<td>ME 14</td>
<td>ME 12</td>
<td>ME 13</td>
<td>ME 15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pressure Controlled Versus Volume Controlled Ventilation</td>
<td>Meet the Editor</td>
<td>Use of Antiepileptic Drugs in ICU</td>
<td>Do Rapid Response Teams Make a Difference; the Evidence</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>SY 74</th>
<th>SY 76</th>
<th>SY 71</th>
<th>SY 77</th>
<th>SY 79</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-10:20</td>
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<tr>
<td></td>
<td>SY 74</td>
<td>SY 76</td>
<td>SY 71</td>
<td>SY 77</td>
<td>SY 79</td>
</tr>
<tr>
<td></td>
<td>How ICUs Look Different between Countries?</td>
<td>Management of Difficult ICU Infection</td>
<td>Renal: Common Critical Care Problems in ICU</td>
<td>Ethics (4) Triage</td>
<td>How to Feed in Critically II Patients?</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>SY 75</th>
<th>SY 09</th>
<th>SY 10</th>
<th>SY 73</th>
<th>SY 80</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45-12:10</td>
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</tr>
<tr>
<td></td>
<td>SY 75</td>
<td>SY 09</td>
<td>SY 10</td>
<td>SY 73</td>
<td>SY 80</td>
</tr>
<tr>
<td></td>
<td>Significance of ICU Scores in Specific Countries</td>
<td>Step-up Session (9)</td>
<td>Step-up Session (10)</td>
<td>Ethics (6)</td>
<td>Protocol-Based Nutrition Therapy in ICU</td>
</tr>
</tbody>
</table>
Group Meetings

- All information on the following meetings is subject to change. (As of August 17, 2015)
- The meetings are invitation-based.

### WFSICCM Meetings

<table>
<thead>
<tr>
<th>Meetings</th>
<th>Date &amp; Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership Meeting</td>
<td>August 29 (Sat) 11:00-12:00</td>
<td>E7 (3F)</td>
</tr>
<tr>
<td>1st General Assembly</td>
<td>August 29 (Sat) 12:30-14:00</td>
<td>MTR 01 (201) (2F)</td>
</tr>
<tr>
<td>Asia Society Leadership</td>
<td>August 30 (Sun) 11:00-12:00</td>
<td>E7 (3F)</td>
</tr>
<tr>
<td>Joint Meeting with Step-up Presenter</td>
<td>August 30 (Sun) 12:30-13:00</td>
<td>MTR 01 (201) (2F)</td>
</tr>
<tr>
<td>WFPICCS Meeting (Pediatrics)</td>
<td>August 30 (Sun) 14:30-15:30</td>
<td>MTR 01 (201) (2F)</td>
</tr>
<tr>
<td>2nd General Assembly</td>
<td>August 30 (Sun) 17:00-18:00</td>
<td>MTR 01 (201) (2F)</td>
</tr>
<tr>
<td>15th World Congress</td>
<td>August 31 (Mon) 08:00-14:00</td>
<td>MTR 01 (201) (2F)</td>
</tr>
<tr>
<td>Young Intensivists</td>
<td>September 1 (Tue) 11:00-12:00</td>
<td>MTR 01 (201) (2F)</td>
</tr>
</tbody>
</table>

### Other Meetings

1. **WFCCN Meeting (Nursing)**
   - Location: RM 03 (GBR 102), 1F
   - Date & Time: August 28 (Fri) 09:00-17:00
   - Organized by WFCCN

2. **WFPICCS Meeting (Pediatrics)**
   - Location: COEX Intercontinental Hotel Apollo Room
   - Date & Time: August 28 (Fri) 14:00-20:00
   - Organized by WFPICCS

3. **Sepsis in Resource-limited Countries**
   - Location: E8, 3F
   - Date & Time: August 29 (Sat) 14:00-16:00
   - Organized by SCCM

4. **TRIAGE**
   - Location: E7, 3F
   - Date & Time: August 29 (Sat) 15:00-16:00
   - Organized by WFSICCM

5. **KACN Meeting**
   - Location: E7, 3F
   - Date & Time: August 29 (Sat) 16:00-18:00
   - Organized by KACN

6. **Asia Ventilation Forum BOD Meeting**
   - Location: E7, 3F
   - Date & Time: August 30 (Sun) 07:00-08:00
   - Organized by AVF, ACCCTG

7. **ACCCTG Meeting**
   - Location: E7, 3F
   - Date & Time: August 30 (Sun) 08:00-09:00
   - Organized by ACCCTG

8. **ASAARCCS Meeting**
   - Location: E8, 3F
   - Date & Time: August 30 (Sun) 09:30-10:30
   - Organized by ASAARCCS

9. **ETHICS / END OF LIFE**
   - Location: E7, 3F
   - Date & Time: August 30 (Sun) 10:00-11:00
   - Organized by WFSICCM

10. **World Sepsis Day**
    - Location: E7, 3F
    - Date & Time: August 30 (Sun) 14:00-16:00
    - Organized by Global Sepsis Alliance

11. **ICU SPECIALIST**
    - Location: E8, 3F
    - Date & Time: August 30 (Sun) 14:30-15:30
    - Organized by WFSICCM

12. **WHAT IS AN ICU?**
    - Location: E8, 3F
    - Date & Time: August 30 (Sun) 15:30-16:30
    - Organized by WFSICCM

13. **Neurocritical Care Group Meeting**
    - Location: E7, 3F
    - Date & Time: August 31 (Mon) 12:00-16:30
    - Organized by Neurocritical Care Society

14. **APACCM Meeting**
    - Location: E8, 3F
    - Date & Time: August 31 (Mon) 13:00-16:00
    - Organized by APACCM
Official & Social Program

Official Program

OPENING CEREMONY
- Date & Time: August 29 (Sat) 08:00-08:40
- Location: RM 01 (Auditorium), 3F, COEX
- Programs: Opening Announcement
  - The Opening Ceremony will be followed by the Plenary Lecture.

CLOSING CEREMONY
- Date & Time: September 1 (Tue) 12:30-13:30
- Location: RM 01 (Auditorium), 3F, COEX
- Programs: Closing Remarks, Awards Ceremony (Seoul/Young Investigator/SEPSIS), Lucky Draw Event, etc.

EXHIBITION OPENING CEREMONY
- Date & Time: August 29 (Sat) 13:30-14:30
- Location: Hall D2 Lobby, 3F, COEX
- Programs: Tape Cutting, Exhibition Rounding

Social Program

WELCOME RECEPTION
- Date & Time: August 29 (Sat) 18:00-20:00
- Location: Auditorium & Hall D Lobby, 3F, COEX
- Programs: Welcoming Remarks, Performance, Cocktail Reception, etc.
  - Light refreshments will be provided free of charge to all participants.
  - Last shuttle to official hotels departs at 20:30 from COEX

KOREAN NIGHT
- Date & Time: August 30 (Sun) 18:30-21:00
- Location: Some Sevit (Floating Island)
  - Address: 683, Olympic-daero (Banpo-dong), Seocho-gu, Seoul
- Programs: Welcoming Address, Performances, Cocktail Reception & Dinner, Sing & Dance, Korean Traditional Games
  - Invitation and Pre-purchased Tickets Required
  - Shuttle bus to and from the Korean Night venue

<table>
<thead>
<tr>
<th>Departure from COEX</th>
<th>From 17:30 (North Gate, COEX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departure from Some Sevit</td>
<td>At the end of Korean Night</td>
</tr>
<tr>
<td></td>
<td>* Shuttle bus only stops at COEX and official hotels.</td>
</tr>
</tbody>
</table>

FACULTY DINNER
- Date & Time: August 31 (Mon) 18:30-21:30
- Location: The National Museum of Korea
  - Address: 137, Seoubinggo-ro (Yongsan-dong 6-ga), Yongsan-gu, Seoul
- Programs: Speech, Performance, Cocktail Reception & Dinner, Museum Rounding
  - Invited Only
  - Shuttle bus to and from the Faculty Dinner venue

<table>
<thead>
<tr>
<th>Departure from COEX</th>
<th>From 17:30 (North Gate, COEX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departure from the Museum</td>
<td>At the end of Faculty Dinner</td>
</tr>
<tr>
<td></td>
<td>* Shuttle bus only stops at COEX and official hotels.</td>
</tr>
</tbody>
</table>
# Registration

## REGISTRATION LOUNGE

**1F**  
Location: Hall B Lobby, 1F, COEX  
Date & Time  
- August 28 (Fri) 13:00–18:00  
- August 29 (Sat) 07:00-18:00  
- August 30 (Sun) 06:30-18:00  
- August 31 (Mon) 06:30-18:00  
- September 1 (Tue) 06:30-14:00

<table>
<thead>
<tr>
<th>Desk</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation &amp; Tour</td>
<td>Accommodation and tour booking</td>
</tr>
</tbody>
</table>
| KIT                           | Congress bag and program book distribution  
One KIT per participant (KIT reissuance NOT available) |
| Pre-Registration              | Name badge pick up desk for pre-registered participants                 |
| Program                       | Apply for program(s) requiring prior application                        |
| Payment                       | Payment of registration fee, balance, or program attendance fee         |
| Invited Faculty               | Name badge pick-up desk for speakers, chairs, instructors, Step-up presenters |
| Exhibitor                     | Name badge pick-up desk for exhibitors                                  |
| Self-Registration             | On-site registration & Attendance certificate print-out                 |

## SUB REGISTRATION DESK

**3F**  
Location: Hall E Lobby, 3F, COEX  
Date & Time  
- August 29 (Sat) 07:00-18:00  
- August 30 (Sun) 06:30-18:00  
- August 31 (Mon) 06:30-18:00  
- September 1 (Tue) 06:30-14:00

<table>
<thead>
<tr>
<th>Desk</th>
<th>Details</th>
</tr>
</thead>
</table>
| Pre-Registration              | Name badge pick up desk for pre-registered participants who completed their payment  
* Pre-Registered participants with balance should visit the Registration Lounge at Hall B Lobby, 1F |
| Program                       | Apply for program(s) requiring prior application  
* Payment is not available |

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REGISTRATION FEE INCLUDES:

• Registrants:
  - Access to all Session Rooms, Exhibition Hall, Welcome Reception, Opening & Closing Ceremonies
  - Congress KIT (one per person)
  * Additional application is needed to attend sessions such as Luncheon Symposium, Workshop, Step-up Session, and Meet the Expert

• Exhibitors and Accompanying Persons:
  - Access to Welcome Reception and Exhibition Hall

ADDITIONAL PROGRAMS

<table>
<thead>
<tr>
<th>Session</th>
<th>Attendance Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop – Half Day Course (WS 01-15, WS 17-19)</td>
<td>USD 20 / KRW 20,000</td>
</tr>
<tr>
<td>Workshop – Full Day Course (WS 16)</td>
<td>USD 40 / KRW 40,000</td>
</tr>
<tr>
<td>Meet the Expert (ME 01-16)</td>
<td>USD 10 / KRW 10,000</td>
</tr>
<tr>
<td>Luncheon Symposium (LS 01-11)</td>
<td>Free</td>
</tr>
<tr>
<td>Step-up Session (SU 01-10)</td>
<td>Free</td>
</tr>
<tr>
<td>Korean Night</td>
<td>USD 30 / KRW 30,000</td>
</tr>
</tbody>
</table>

* Prior application required before attending programs (First-come, first-served basis)

NAME BADGE
Please wear your name badge at all times to access the congress venue
* Name badge reissuance NOT available for whatsoever reasons

CERTIFICATE OF ATTENDANCE
Print out your certificate of attendance at the self-registration desk

PARKING TICKET
Please purchase a 50% discounted parking ticket at the Payment Desk (Whole Day Ticket: KRW 24,000/Cash only)

Accommodation and Tour
Information on accommodation, daily tour programs etc. is available at the Accommodation and Tour Desk. Please visit the desk if you have not made reservation or need assistance.

  Location: Hall B Lobby, 1F, COEX
  Date & Time:
  - August 29 (Sat) 09:00-18:00
  - August 30 (Sun) 09:00-18:00
  - August 31 (Mon) 09:00-18:00
  - September 1 (Tue) 09:00-14:00

* Please visit the Program Desk at the Registration Lounge to apply for additional program(s).
* On-site payment can be made in cash (US Dollar/Korean Won) or by credit card (VISA/MasterCard).
* For those who have applied for Workshop/Meet the Expert Program on-line, please note that any changes/cancellations will NOT be allowed on-site for any reasons.
Supported Seoul City Tour Program

Make on-site reservation for the Seoul City Tour programs supported by Seoul Tourism Organization (STO) and Korea Tourism Organization (KTO). Please visit the Accommodation and Tour Desk for more information.

**Fee:** USD 10 / KRW 10,000 (Cash only)

**Reservations:** First-come, first-served basis

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**OP1 Tour: The National Museum of Korea – Dongdaemun Design Plaza (DDP)**

**Date & Time:** August 30 (Sun) 09:30-13:00

**The National Museum of Korea**

It is the 7th largest museum in the world and houses precious Korean cultural assets that silently tell the story of Korea’s fascinating history, from ancient days to the modern era. The museum, in turn, is close to Yongsan Family Park, a wooded grassland with a pond that serves as a natural habitat for various species of birds, as well as over 80 different kinds of trees.

**Dongdaemun Design Plaza (DDP)**

It is a blend of traditional buildings, relics and cutting-edge modern multicultural facilities. Seoul Fortress, Igansumun Water Gate (floodgate channeling water from Namsan Mountain to Cheonggyecheon Stream and Seoul Fortress), Dongdaemun History Hall, the Dongdaemun Excavation Site, Dongdaemun Sports Memorial Hall, Event Hall, and Design Gallery can all be found at the DDP

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**OP2 Tour: Bukchon Hanok Village- Samcheongdong- Insadong Antique Shop Alley**

**Date & Time:** August 31 (Mon) 13:30-17:00

**Bukchon Village**

Surrounded by Gyeongbokgung Palace, Changdeokgung Palace and Jongmyo Shrine, Bukchon Hanok Village is home to hundreds of traditional houses called ‘hanok’ that date back to the Joseon Dynasty. The name, ‘Bukchon’, which literally translates to ‘northern village’, came about as the neighborhoods that the village covers lie to the north of the two significant Seoul landmarks, Cheonggyecheon Stream and Jongno. Today, many of these hanoks operate as cultural centers, guesthouses, restaurants and tea houses, providing an opportunity to experience, learn and immerse in Korean traditional culture.

**Samcheongdong-gil**

Samcheongdong-gil goes through the middle of the city, but is a peaceful, quaint area. The street is lined with cafes, museums, antique shops and a number of famous art galleries. Since each art gallery building along Samcheongdong-gil has its own unique architectural design, taking a walk and appreciating the buildings is a journey in itself. Many galleries have their own cafes, restaurants, or craft shops, allowing visitors to enjoy art, shopping, and lunch all under one roof.

**Insadong Antique Shop alley**

Known for its historically significant buildings and cultural atmosphere. Unhyeongung Mansion (former residence of the Regent Council- father of King Gojong), Jogyesa Temple, Sungdong Presbyterian church—one of the oldest churches in Korea are some of the historical buildings around here. Insadong is also well-known for sightseeing with approximately 100,000 visitors on Sundays. Queen Elizabeth II, the Princess of Spain and Netherlands also visited Insadong.
All speakers and presenters are required to visit the preview room an hour before their session to upload or modify their presentation file.

**Location:** FR 07+FR 08 (204+205), 2F, COEX

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**Invited Faculty Secretariat**

All speakers and chairs are required to visit the secretariat to confirm itinerary and following issues.

**Location:** FR 05 (202A), 2F, COEX

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**“Step-up” Secretariat**

All invited “Step-up” presenters should visit the “Step-up” secretariat to check itinerary and following issues.

**Location:** FR 06 (202B), 2F, COEX

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* Name badges are required to access the Invited Faculty Lounge, Secretariat, and Preview Room. Please be sure to wear your name badge at all times.
Exhibition

Location: Hall D, 3F, COEX
Date & Time:
- August 29 (Sat) 13:30-18:00
- August 30 (Sun) 09:00-18:00
- August 31 (Mon) 09:00-18:00
- September 1 (Tue) 09:00-12:00

Exhibitor List

<table>
<thead>
<tr>
<th>Exhibitor</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alere Inc.</td>
<td>C-2</td>
</tr>
<tr>
<td>APACCM (Asia Pacific Association of Critical Care Medicine)</td>
<td>E-1</td>
</tr>
<tr>
<td>Baxter International Inc.</td>
<td>G-10</td>
</tr>
<tr>
<td>Bedfont Scientific Limited</td>
<td>D-4</td>
</tr>
<tr>
<td>BioMedCentral</td>
<td>E-9</td>
</tr>
<tr>
<td>BioMedBook</td>
<td>D-6</td>
</tr>
<tr>
<td>CareFusion, a BD company</td>
<td>B-1</td>
</tr>
<tr>
<td>ChinooMTech Company</td>
<td>D-11</td>
</tr>
<tr>
<td>Cook Medical (KOREA)</td>
<td>D-8</td>
</tr>
<tr>
<td>COVIDEN</td>
<td>G-4</td>
</tr>
<tr>
<td>DAEWOONG PHARMACEUTICAL</td>
<td>D-10</td>
</tr>
<tr>
<td>Dräger Korea Co., Ltd.</td>
<td>S-2</td>
</tr>
<tr>
<td>Edwards Lifesciences Korea</td>
<td>P-1</td>
</tr>
<tr>
<td>ELSEVIER</td>
<td>E-11</td>
</tr>
<tr>
<td>Fisher&amp;Paykel Healthcare</td>
<td>B-2</td>
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<tr>
<td>Fresenius Medical Care Korea</td>
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<tr>
<td>FUJIFILM Sonosite Korea Ltd.</td>
<td>D-14</td>
</tr>
<tr>
<td>GE Healthcare</td>
<td>S-3</td>
</tr>
<tr>
<td>GlaxoSmithKline</td>
<td>P-2</td>
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<tr>
<td>GREEN CROSS</td>
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<td>Hamilton Medical AG</td>
<td>A-2</td>
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<tr>
<td>Hanlim Pharmaceutical Co., Ltd.</td>
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<tr>
<td>Hospira Korea Co., Ltd.</td>
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<tr>
<td>INTERSURGICAL</td>
<td>C-9</td>
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<tr>
<td>ISICEM (International Symposium on Intensive Care and Emergency Medicine)</td>
<td>E-3</td>
</tr>
<tr>
<td>Korean Journal of Anesthesiology</td>
<td>E-7</td>
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<tr>
<td>Koreavaccine Co., LTD.</td>
<td>C-3</td>
</tr>
<tr>
<td>KORUST Co., Ltd.</td>
<td>D-13</td>
</tr>
</tbody>
</table>

Exhibition Opening Ceremony

Location: Hall D2 Lobby, 3F, COEX
Date & Time: August 29 (Sat) 13:30-14:30
* Open to all participants.

<table>
<thead>
<tr>
<th>Exhibitor</th>
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<tbody>
<tr>
<td>KSCCM (The Korean Society of Critical Care Medicine)</td>
<td>E-6</td>
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<tr>
<td>Magnamed Tecnologia Médica S/A</td>
<td>D-17</td>
</tr>
<tr>
<td>MAQUET MEDICAL KOREA CO., LTD.</td>
<td>G-2</td>
</tr>
<tr>
<td>MEDIPIA INC</td>
<td>C-7</td>
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<tr>
<td>MEKICS CO., LTD.</td>
<td>G-5</td>
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<tr>
<td>Mindray</td>
<td>A-1</td>
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<tr>
<td>MSD</td>
<td>C-6</td>
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<tr>
<td>Nihon Kohden Corporation</td>
<td>G-7</td>
</tr>
<tr>
<td>Pfizer Korea</td>
<td>P-3</td>
</tr>
<tr>
<td>Philips</td>
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<tr>
<td>ResMed Ltd</td>
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<tr>
<td>Roche Diagnostics Korea Co., Ltd.</td>
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<tr>
<td>SAMSUNG</td>
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<tr>
<td>SCCM (Society of Critical Care Medicine)</td>
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<tr>
<td>SEOLIL PACIFIC Corp.</td>
<td>D-15</td>
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<tr>
<td>SK Chemical</td>
<td>G-3</td>
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<tr>
<td>Teleflex Korea</td>
<td>C-8</td>
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<tr>
<td>TERUMO KOREA CORPORATION</td>
<td>C-5</td>
</tr>
<tr>
<td>The 43rd Annual Meeting of the JSICM</td>
<td>E-4</td>
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<tr>
<td>UPINEMED</td>
<td>D-3</td>
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<tr>
<td>Verthon Medical</td>
<td>D-16</td>
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<tr>
<td>VitalAire Korea Inc.</td>
<td>D-2</td>
</tr>
<tr>
<td>WFCCN (12th Congress of the WFCCN 2016)</td>
<td>D-1</td>
</tr>
<tr>
<td>WFSICCM 2017 (Brazilian Association of Intensive Care Medicine)</td>
<td>E-8</td>
</tr>
<tr>
<td>WOOJUNGBSC</td>
<td>D-7</td>
</tr>
<tr>
<td>Yuhan Corporation</td>
<td>G-6</td>
</tr>
<tr>
<td>ZOLL Medical</td>
<td>D-5</td>
</tr>
</tbody>
</table>
Floor Plan (Exhibition Hall)
Intensive Care System

“Respiratory Care System, Patient Monitoring System, Central Monitoring System.”

**Workshop**: High Flow Oxygen Therapy - Emerging solution for Hypoxia (30th. AUG. 2015. Second Floor, Room 208.)

MD, Sangbum Hong, Asan Medical center, Pulmonology and Critical Care Medicine.

**Topic1**: Mechanisms and Physiology.
**Topic2**: Comparison, High-flow nasal cannula (HFNC) and Non-invasive mask ventilation (NIV).
**Topic3**: High Flow Oxygen compared with Conventional Nasal Cannula in patients with mild-moderate hypoxia: effect on lung volume assessed by Electrical Impedance Tomography.
**Topic4**: Failure of high-flow nasal cannula therapy may delay intubation and increase mortality.
**Topic5**: High Flow Oxygen with Respiration Rate Monitoring.
**Topic6**: OmniOx Jet Cannula vs HFT Cannula.
**Hands-on**: Normal HFNC Cannula vs RR Monitoring Cannula vs Jet CPAP Cannula.

*The Workshop subject to change without notice.*

**Exhibition**: Hall D. Booth no. G-5

ICU Ventilator: High Frequency Ventilator, Neonatal Ventilator.
Multi purpose Ventilator: Transport Ventilator.
High Flow Therapy: HF/CPAP, PA/CPAP and S/T(BiPAP).

Patient Monitor and Central Monitoring System.
Ultra-Broad Spectrum of Activity
High Stability to ESBLs
Low Incidence of Nausea and Vomiting
The Carbapenem Indicated in Meningitis
Low Incidence of Bacterial Resistance
Nihon Kohden is redefining Quality of Care with new, non-invasive technologies like PWTT and esCCO by introducing volumetric information to all care levels. Since the invention of pulse oximetry by Nihon Kohden researcher Takuo Aoyagi in 1974, the pulse wave has become the most commonly used vital signal in clinical practice. The pulse wave can provide time-related information such as intravascular pressure transmission as well as information on the volume change of arterial blood.

Estimated Continuous Cardiac Output (esCCO) determines the cardiac output using Pulse Wave Transit Time (PWTT) obtained from each cycle of the ECG signals and peripheral pulse wave. esCCO provides real-time, continuous and non-invasive cardiac output measurement alongside the familiar vital sign parameters of ECG and SpO2.

---

**FUTHAN** is safe and efficacious anticoagulant for high bleeding risk patients in HD&CRRT.

- Due to its short half life (5–8 min), its anticoagulant activity is almost limited to extracorporeal circuit.
- Increase of bleeding risk was not noted in patients with high bleeding risk or bleeding complications.
- Excellent anticoagulant activity leads to fewer clotting in extracorporeal circuit.

### Drug information

- **Description**
  - Futhan inj.: 1 vial contains 10mg of nafamostat mesilate
  - Futhan50 inj.: 1 vial contains 50mg of nafamostat mesilate
- **Mechanism of action**: protease inhibitor (inhibitor of coagulation factors)
- **Indication**
  1. For improvement of acute symptoms of pancreatitis (acute pancreatitis, acute exacerbation of chronic pancreatitis, acute postoperative pancreatitis, ERCP-induced acute pancreatitis, traumatic pancreatitis)
  2. Disseminated Intravascular Coagulation (DIC)
  3. To prevent coagulation of blood during extracorporeal blood circulation (ex. hemodialysis, plasmapheresis) in patients with bleeding complications or bleeding tendency.
- For more information, please see prescribing information for Futhan inj.
Volumetric Information for All Care Levels

Nihon Kohden is redefining Quality of Care with new, non-invasive technologies like PWTT and esCCO by introducing volumetric information to all care levels. Since the invention of pulse oximetry by Nihon Kohden researcher Takuo Aoyagi in 1974, the pulse wave has become the most commonly used vital signal in clinical practice. The pulse wave can provide time related information such as intravascular pressure transmission as well as information on the volume change of arterial blood. Estimated Continuous Cardiac Output (esCCO) determines the cardiac output using Pulse Wave Transit Time (PWTT) obtained from each cycle of the ECG signals and peripheral pulse wave. esCCO provides real-time, continuous and non-invasive cardiac output measurement alongside the familiar vital sign parameters of ECG and SpO₂.

Luncheon Seminar (LS10)
August 31 12:30 - 13:30
Title: Cardiovascular Monitoring by esCCO during Perioperative Period
Chairman: Prof. Sang-Bum Hong, Asan Medical Center, MICU Chief
Speaker: Prof. Ryoichi Ochiai, Toho Univ. School of Medicine, Japan
Room: 1F, Room 103

Workshop (WS17/WS18)
August 31 9:00 - 12:00/14:00 - 17:00
Title: Non-invasive Continuous Cardiac Output Monitoring
Speaker: Associate Prof. Suraphong Lorsomradde, Chiang Mai Univ., Thailand
Mr. Eric Dalne, Nihon Kohden Corporation
Room: 3F, Room E4
bacterial infections and sepsis
procalcitonin testing

- Contributes to early diagnosis
- Indicates infection severity
- Reflects efficacy of initiated therapy
- Comforts decision to stop antibiotic therapy
- Allows reduction of antibiotic exposure and related side-effects
- Optimizes patient management and resource allocation

Roche
Central Support Center  080-939-1234
Advanced life-saving solutions for your ICU

Hemodynamics
- PiCCO
- ProAQT

Respiration
- SERVO
- NAVA
- HLS

ICU

IABP
- CARDIOSAVE
- ECMO
Making possible personal.

When critical care gets personal, more is possible.

See for yourself at BOOTH G-10
Covidien's solutions are designed to optimize respiratory care outcomes and patient monitoring

**Because when your patients can breathe easy, you can too.**

Nellcor™
BIS™
Mallinckrodt™
INVOS™
Oridion®
Puritan Bennett™
DAR™
A right fit
for today's good sedation management practices

**Precedex®**
- is Highly selective \(\alpha_2\)-adrenoceptor agonist.\(^1,2\)
- is a sedative for non-intubated patients prior to and/or during surgical and other procedures.\(^3\)
- does not depress respiratory drive.\(^1,2,4\)
- can reduce opioid requirement.\(^1,2,4\)
- can prolong duration of local anesthetics.\(^5\)
- is without of abuse potential.\(^3\)
- can induce co-operative sedation.\(^2,4\)
- can induce sedation similar to normal sleep.\(^6,7\)

Different situations require different solutions

**Prescribing Information**

**Precedex®/Dexmedetomidine HCl Indications:**
1. Sedation of initially intubated and mechanically ventilated patients during treatment in an intensive care setting. Administer Precedex by continuous infusion not to exceed 24 hours.
2. Sedation of non-intubated patients prior to and/or during surgical and other procedures.

**Dosage:**
- Intensive Care Unit Sedation: Generally initiate at 1\(\mu\)g/kg over 10 minutes, followed by a maintenance infusion of 0.2 to 0.7\(\mu\)g/kg/h.
- Procedural Sedation: Generally initiate at one\(\mu\)g/kg over 10 minutes, followed by a maintenance infusion initiated at 0.6\(\mu\)g/kg/h.

**Hospira Korea Co., Ltd.**
CALT building 6F, #616, 159-6, Samsung-dong, Kangnam-gu, Seoul, Korea 135-728
Tel: +82-2-2009-4821  Fax: +82-2-2009-4801  www.hospira.co.kr
Join us at the Closing Ceremony, commemorate WFSICCM Seoul 2015, and become one of our 18 lucky winners!

Hold on to the lucky draw coupons distributed with name badges, and submit them to our staff on the last day.

Winners will be drawn during the Closing Ceremony.

- **Location:** RM 01 (Auditorium), 3F, COEX
- **Date & Time:** September 1 (Tue) 12:30-13:30
General Information

ABSTRACT BOOK
Abstract books are only provided as E-Books or in PDF file formats as WFSICCM Seoul 2015 is a green convention, aiming in minimizing environmental burdens.

• Download from Official Website & Application

• Win a USB stick
  - Participate in the event at the Exhibition Hall and win a USB stick containing Abstract PDF files.
  - Visit the information desk at the Exhibition Hall to find out more about the event.

FOOD AND BEVERAGE

• Sessions with Free Breakfast: Meet the Expert
  - Prior application required.
  - Session Application: Program Desk, Registration Lounge, 1F, COEX

• Sessions with Free Lunch: Luncheon Symposium & Step-up Session
  - Prior application required.
  - Session Application: Program Desk, Registration Lounge, 1F, COEX

• Cafeteria
  Location: In the Exhibition Hall, Hall D, 3F, COEX
  Operating Hours:
  - August 29 (Sat) 13:30-18:00
  - August 30 (Sun) 09:00-18:00
  - August 31 (Mon) 09:00-18:00
  - September 1 (Tue) 09:00-12:00

• Restaurants
  - A variety of restaurants are located in the COEX Mall, basement of the congress venue.
  - Please refer to the COEX Mall homepage for details: http://www.coexmall.com/store/storeEnList.do

INTERNET ACCESS

• Internet Lounge & Electronic Device Charging Station
  Location: In the Exhibition Hall, Hall D, 3F, COEX
  Operating Hours:
  - August 29 (Sat) 13:30-18:00
  - August 30 (Sun) 09:00-18:00
  - August 31 (Mon) 09:00-18:00
  - September 1 (Tue) 09:00-12:00

• Free Wi-fi
  - Choose “Coex Free Wi-Fi Zone” on your mobile device
BANK & ATM

Location: Near Escalators on 1F, COEX
Operating Hours:
- August 28 (Fri) 09:00–16:00
- August 29 (Sat) Closed
- August 30 (Sun) Closed
- August 31 (Mon) 09:00-16:00
- September 1 (Tue) 09:00-16:00

- ATM service is available 24 hours (everyday).

FIRST AID

First aid supplies including pain relievers, digestive aids and bandages are available at the Registration Lounge, Exhibition Hall Information Desk, and the WFSICCM Seoul 2015 Secretariat office. In case of emergency, please visit the Registration Lounge for further assistance.

MICE CARDS

Supported by the Seoul Metropolitan Government, MICE cards that can be used as payment are provided to each participant from abroad. Please return the MICE card to the return box at the Seoul Tourism Organization Promotional Booth (Grand Ballroom Lobby, 1F, COEX) after usage.

- Pre-charged amount: KRW 5,000
- Usable at: Transportation systems, convenience stores, cafés etc.
- Rechargeable at: Convenience stores (GS25, CU, Storyway), subway transportation card vending machines etc.

PROMOTIONAL BOOTHS

Promotional booths of Seoul Tourism Organization (STO) and Korea Tourism Organization (KTO) will provide participants with opportunities to experience Seoul and Korean culture conveniently.

Location: Grand Ballroom Lobby, 1F, COEX
Operating Hours:
- August 29 (Sat) 09:00-18:00
- August 30 (Sun) 09:00-18:00
- August 31 (Mon) 09:00-18:00
- September 1 (Tue) 09:00-14:00

SHUTTLE BUS

Free shuttle service will be provided between the designated hotels and COEX during the congress for participant’s convenience. Please refer to the below shuttle bus route for WFSICCM Seoul 2015. For details and further assistance, please visit the Registration Lounge or refer to the information on the mobile application.

<table>
<thead>
<tr>
<th>Course</th>
<th>Route</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Hotel Riviera / Aloft Seoul Gangnam</td>
<td>COEX</td>
</tr>
<tr>
<td>B</td>
<td>SHILLA STAY YEOKSAM</td>
<td>Ramada Seoul</td>
</tr>
<tr>
<td>C</td>
<td>Seoul Residence</td>
<td>Ibis Ambassador Gangnam</td>
</tr>
</tbody>
</table>
**INSURANCE**

The Organizing Committee shall not be responsible for and shall be exempt from all liabilities in respect of any loss, damage, injury, accident, delay or inconvenience to any person, or his/her luggage or any property for any reason whatsoever, for any tourist services provided. Personal travel and health insurance are recommended.

**PHARMACY**

Please visit the Pharmex pharmacy located in the COEX Mall on B1 for simple prescriptions. (Location Code: H112)
At your side in
Intensive Care

Dräger supports your smart intensive care with our innovative workplace solutions.

Please come and experience our innovation at Booth S2.

Don’t miss our:
- Luncheon Symposium on EIT (30th Aug)
- EIT Workshop (31st Aug)

PulmoVista® 500
Making ventilation visible.

Dräger. Technology for Life®
About Seoul, Korea

MONEY & CURRENCY

- Only Korean currency is accepted in Korea, but a few tourist attractions accept US dollars.
- Exchange Rate: Approximately KRW 1,200 to USD 1

SHOPPING

- Department store, duty-free shop, and shopping malls are connected to the congress venue.
- Most convenience stores are open 24 hours

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyundai Department Store</td>
<td>1688-0120</td>
<td>Seoul Global Center (Any question about visiting or living in Seoul)</td>
</tr>
<tr>
<td></td>
<td>1330</td>
<td>Korean Tourism Organization Information Line (Tourism information, translation services, complaints center)</td>
</tr>
<tr>
<td>Emergency</td>
<td>1339</td>
<td>Medical emergency</td>
</tr>
<tr>
<td></td>
<td>119</td>
<td>Emergencies for fire, rescue, and hospital services</td>
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<tr>
<td></td>
<td>112</td>
<td>Police</td>
</tr>
<tr>
<td></td>
<td>129</td>
<td>First aid patients</td>
</tr>
</tbody>
</table>

TIPPING & TAXES

- Tipping is not a regular practice in Korea.
- Value added tax and service charges are usually included in the consumer price. However, service charges and VATs may not be included in the fees charged by some hotels and luxurious restaurants.

ELECTRICITY & VOLTAGE

- Standard Voltage in Korea: 220 volts
- The outlet has two round holes and is the same type used in France, Germany, Austria, Greece, Turkey, and many other countries.

HELPFUL PHONE NUMBERS
## TRANSPORTATION TO AIRPORT

### To Incheon International Airport

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Departing Place</th>
<th>Operating Hours</th>
<th>Interval</th>
<th>Traveling Time</th>
<th>Single Fare</th>
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</thead>
<tbody>
<tr>
<td>CALT Limousine Bus</td>
<td>2F, City Airport Terminal</td>
<td>04:15 – 21:30</td>
<td>10 – 20 min.</td>
<td>65 min.</td>
<td>KRW 16,000</td>
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<tr>
<td>(No.6103)</td>
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<td>KAL Limousine Bus</td>
<td>COEX InterContinental Hotel Entrance</td>
<td>05:05 – 18:15</td>
<td>40 min.</td>
<td>80 – 90 min.</td>
<td>KRW 16,000</td>
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<td>(No.6704)</td>
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<tr>
<td>Taxi</td>
<td></td>
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<td></td>
<td>80 min</td>
<td>Approx. KRW 70,000 (standard taxi) / KRW 100,000 (deluxe taxi)</td>
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### To Gimpo International Airport

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<th>Departing Place</th>
<th>Operating Hours</th>
<th>Interval</th>
<th>Traveling Time</th>
<th>Single Fare</th>
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<tr>
<td>CALT Limousine Bus</td>
<td>2F, City Airport Terminal</td>
<td>05:30 – 20:40</td>
<td>30 min.</td>
<td>45 min.</td>
<td>KRW 7,500</td>
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<td>Taxi</td>
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<td></td>
<td>50 min</td>
<td>Approx. KRW 30,000 (standard taxi) / KRW 50,000 (deluxe taxi)</td>
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</tbody>
</table>

### Location of CALT (City Airport Terminal)

- **Location**: In between COEX and Hyundai Department Store
- **Traveling Time**: Approx. 10 min. on foot from COEX North Gate
### Invited Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdel Razek ASSEM</td>
<td>Alexandria Faculty of Medicine</td>
<td>Egypt</td>
</tr>
<tr>
<td>Akira YAMASHINA</td>
<td>Tokyo Medical University</td>
<td>Japan</td>
</tr>
<tr>
<td>Akos CSOMOS</td>
<td>Semmelweis University, Budapest</td>
<td>Hungary</td>
</tr>
<tr>
<td>Álvaro RÉA-NETO</td>
<td>Universidade Federal do Paraná</td>
<td>Brazil</td>
</tr>
<tr>
<td>Andrej MICHALSEN</td>
<td>Tettoung Hospital</td>
<td>Germany</td>
</tr>
<tr>
<td>Andrew RHODES</td>
<td>St Georges Hospital</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Anthony MCLEAN</td>
<td>University of Sydney</td>
<td>Australia</td>
</tr>
<tr>
<td>Antonio O. GALLESIO</td>
<td>Hospital Italiano of Buenos Aires</td>
<td>Argentina</td>
</tr>
<tr>
<td>Antonio PESENTI</td>
<td>University of Milan-Bicocca</td>
<td>Italy</td>
</tr>
<tr>
<td>Arzu TOPELI</td>
<td>Hacettepe University Faculty of Medicine</td>
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**Daily Program**

### RM 01 (Auditorium)

**08:40-09:30**
**PL01** Critical Care Medicine: Current and Future Challenges  
Jean-Louis VINCENT (Belgium)

**09:30-10:20**
**PL02** The Provision of Critical Care Medicine: Where Should We Begin to Address Current Global Disparities?  
J. Christopher FARMER (United States)

**10:50-12:10**
**SY01** State-of-the-Art in ARDS  
Chair: Antonio PESENTI (Italy)  
Chair: Yoshihito UJIKE (Japan)

- Pathophysiology of Gas Exchange in ARDS  
  Antonio PESENTI (Italy)
- Ventilator-Induced Lung Injury  
  William HURFORD (United States)
- Individualization of Ventilation for ARDS  
  Laurent BROCHARD (Canada)

**14:30-15:50**
**SY02** Grasping Newer Insights in ARDS  
Chair: Davide CHIUMELLO (Italy)  
Chair: Joe GN GARCIA (United States)

- Cognitive Disorders and ARDS - a (Underestimated) Coincidence?  
  Thomas BEIN (Germany)
- Genetics and Genomics of ARDS  
  Joe GN GARCIA (United States)
- Inflammomasomes: New Insights in ARDS  
  Augustine CHOI (United States)

**16:20-17:40**
**SY03** Slow but Significant Switchovers in ARDS  
Chair: Luciano GATTINONI (Italy)  
Chair: J. Christopher FARMER (United States)

- Prone Positioning in ARDS  
  Luciano GATTINONI (Italy)
- Recruitment Maneuver in ARDS: Looking for the Holy Grail  
  Paolo PELOSSI (Italy)
- Are Neuromuscular Blockers Helpful in ARDS?  
  William HURFORD (United States)

### RM 02 (GBR 101)

**09:30-10:20**
**SP01** Advancing Critical Care Nursing  
Ruth KLEINFELL (United States)

**10:50-12:10**
**NR01** Global Leadership  
Chair: Kyung Ja SONG (Republic of Korea)

- A Global View of Critical Care: Practice, Policy, and Politics  
  Gerald WILLIAMS (Australia)
- The Future of Critical Care Nursing: Practice Advancing Global Critical Care Nursing  
  Ruth KLEINFELL (United States)
- Experiences of Inter-Professional Learning in a Clinical Setting on the ICU in Stockholm  
  Eva BARKESTAD (Sweden)

**12:30-13:30**
**LS01** Closing the Loop in Ventilation  
Laurent BROCHARD (Canada)

**14:30-15:50**
**NR02** Rehabilitation  
Chair: Soonhaeng LEE (Republic of Korea)

- How to Encourage Early Mobilisation in ICU  
  Eva BARKESTAD (Sweden)
- Early Mobility: Impact Short and Long Term Outcomes  
  Kathleen VOLLMAN (United States)
- Quality of Life after Discharge from Intensive Care  
  Younjae SON (Republic of Korea)

### RM 03 (GBR 102)

**10:50-12:10**
**NR04** Cardiology Care  
Chair: Youngsung JUNG (Republic of Korea)

- Hemodynamic Monitoring - Basic Management of Patients with Acute Coronary Syndrome within the ICU  
  Youngae CHOI (Republic of Korea)
- Convergence between IT and Intensive Care  
  Sung Soo KIM (Republic of Korea)

**14:30-15:50**
**NR05** Respiratory Care  
Chair: Nah-Mee SHIN (Republic of Korea)

- The Effect of ETT Interventions on VAP – a Meta-Analysis  
  David CHAN (Hong Kong)
- Sedation and Analgesia in the ICU  
  Leanne AITKEN (Australia)
- High-flow Oxygen Therapy: the Concept and Clinical Application  
  Chair: Man LIM (Republic of Korea)

### RM 04 (GBR 103)

**10:50-12:10**
**SY04** ICU Rehabilitation: Current Issues  
Chair: Carolyn ROCHESTER (United States)  
Chair: Keiichi TADA (Japan)

- Changing the ICU Care Paradigm: Role of Early Rehabilitation  
  Carolyn ROCHESTER (United States)
- Practical Issues in the Implementation of an Early Mobilization Protocol  
  Toru KOTANI (Japan)

**16:20-17:40**
**NR03** New Trends in Critical Care Nursing  
Chair: Marion MITCHELL (Australia)

- Psychological Recovery after ICU  
  Leanne AITKEN (Australia)
- Web Services for a Real-time Conversation with Family Members of ICU Patients  
  Junghoon CHOI (Republic of Korea)
- Convergence between IT and Intensive Care  
  Sung Soo KIM (Republic of Korea)
Coping with the Hemodynamic Effects of PEEP
Jean-Daniel CHICHE (France)

Extra-Vascular Lung Water and Volume Responsiveness
Jean-Louis TEBOUT (France)

The Value and Limits of Central and Mixed Venous Oxygen Saturation
F. Javier HURTADO (Uruguay)

16:20-17:40

SY06 Techniques for Hemodynamic Monitoring
Chair: Michael PINSKY (United States)
Chair: Kyung SUN (Republic of Korea)

Functional Hemodynamic Monitoring
Michael PINSKY (United States)

Hemodynamic Monitoring “Back to the Basics!”
Jukka TAKALA (Switzerland)

The Role of Echo in Evaluating Hemodynamic Status in the Critically Ill
Anthony MCLEAN (Australia)

RM 06 (203)
10:50-12:10

OP01 Administration/Critical Organization
Chair: Hee Beom MOON (Republic of Korea)
Chair: Dean GOPALAN (South Africa)

IMPACT OF A MULTIDISCIPLINARY TRACHEOSTOMY CARE TEAM ON TRACHEOSTOMY CARE IN THE GENERAL WARDS
Aimes HUANG (Singapore)

AUTOMATIC ROBOTIC SYSTEM OF DIAGNOSING AND TREATMENT IN INTENSIVE CARE UNIT
Rozalia SOLODOVA, Mikhail SOKOLOV, Vladimir GALATENKO, Vladimir BUDANOV, Vladimir STAROVEROV (Russian Federation)

LEVEL OF RESOLUTION AND MANAGEMENT OF CRITICAL PATIENTS IN THE ULDARICO ROCCA FERNANDEZ LEVEL I HOSPITAL, LIMA – PERU
Juan Carlos ALVA PINTO (Peru)

PROFILE OF ADMISSIONS INTO THE INTENSIVE CARE UNIT IN A COUNTRY WITH EMERGING ECONOMY IN WEST AFRICA
Olabusola Temitope ALAGBE-BRIGGS, Christie Nwidiú MATO (Nigeria)

REDUCING TIME FROM ACCEPTANCE TO INTENSIVE CARE UNIT ARRIVAL
Donna K. BERNER, John A. TERRELL, Sharill L. LAYTON, Joseph NATES

CHANGE IN THE AGE DISTRIBUTION OF PATIENTS ADMITTED TO INTENSIVE CARE UNIT DURING THE LAST DECADE AND ITS EFFECT ON CLINICAL OUTCOME
Jeong Uk LIM, Jick Hwan HA, Hyeon Hui KANG, Seok Chan KIM, Hwa Sik MOON, Sang Haek LEE

THE OUTCOMES OF DELIRIUM PREVENTION NURSING INTERVENTION IN SURGICAL INTENSIVE CARE UNIT
Danki PARK, Yoon Jeong JUNG, Kyung Eun MOON, Su Jin OH, Yeouel CHOE, Sun Ju LEE, Soon Haeng LEE, Min Ae KEUM, Hyo Keun NO, Suk-Kyung HONG

PREDICTIVE VALUE OF THE BISPECTRAL INDEX FOR BURST SUPPRESSION ON DIAGNOSTIC ELECTROENCEPHALOGRAM DURING DRUG-INDUCED COMA
Richard Blair ARBOUR (United States)

ORGANIZATIONAL CULTURE AND WORKPLACE BULLYING IN NURSES
Yuseon AN, Juylene KANG (Republic of Korea)

METHODS FOR GLYCAEMIC CONTROL IMPLEMENTED IN NHS INTENSIVE CARE UNITS IN THE UK: A CROSS-SECTIONAL STUDY IN SEVEN HOSPITALS
Rocio FERNANDEZ-MENDEZ, Richard WINDLE, Gary ADAMS (United Kingdom)

DEVELOPMENT OF THE TRANSITIONAL CARE PROGRAM AND ITS EFFECT ON PATIENTS DISCHARGED FROM THE INTENSIVE CARE UNITS
Soo Hyun CHOI, Jin Hee JUNG, Sun Young WON, Mi Sook OUI, Young Hee YL (Republic of Korea)

VALIDATION OF A COMBINED ALGESIA & SEDATION PROTOCOL FOR ICU PATIENTS
Mark FISCHER, Tju ABRAHAM (United Arab Emirates)

THE ROLE OF CVCS MANAGERS AND EFFECTIVENESS OF REDUCTION CLABSI IN SURGICAL INTENSIVE CARE UNIT
Sung Ean LEE (Republic of Korea)

SELF-DESCRIBED NURSING ROLES EXPERIENCED DURING CARE OF DYING PATIENTS AND THEIR FAMILIES: A PHENOMENOLOGICAL STUDY
Richard Blair ARBOUR, Debra Lynn WIEGAND (United States)

PROVIDING THE ICU DIARY AS A THERAPEUTIC TOOL TO AID IN RECOVERY FROM PSYCHOLOGICAL DISTRESS AND IMPROVE THE SATISFACTION TOOLS TO AID IN RECOVERY FROM PSYCHOLOGICAL DISTRESS
Su Jeong LEE, Min Ae KEUM, Hyo Keun NO, Min Ae KEUM, Suk-Kyung HONG (Republic of Korea)

RM 07 (208)
10:50-12:10

OP04 Trauma
Chair: Joong Hwan OH (Republic of Korea)
Chair: H. Kaya YORGANCI (Turkey)

A CLINICAL STUDY OF PREDICTIVE FACTORS ASSOCIATED WITH BLEEDING CONTROL IN MULTIPLE TRAUMA PATIENTS WITH MASSIVE BLEEDING

CONSENT FOR LIFE SAVING DECOMPRESSION CRANIECTOMY: AN OBJECTIVE MODEL
Stephen HONEYBUL, Kwok HO (Australia)

REVISITING THE FUTILITY DEBATE IN NEUROCRITICAL CARE
Stephen HONEYBUL (Australia), Kwok HO (Australia), Grant GILLETT (New Zealand)

ELDERLY MORTALITY IN PORTUGUESE ICU: AN 11 YEARS SURVEY
Cristiana Barrosa SILVA, Daniela ALVES, Fernando LOPES, Albero FREITAS, A. Maria GONCALVES (Portugal)

INTER-FIELD AGREEMENT AMONG INTENSIVE CARE UNITS: MEDICAL DIRECTORS AND CLINICAL ETHICS CONSULTANTS CONCERNING END-OF-LIFE DECISION MAKING IN TEXAS MEDICAL CENTER
Colleen M. GALLAGHER (United States), Alina BENNET (United States), Charles SPRUNG (Israel), Joseph NATES (United States)

LIMITATION OF THE THERAPEUTIC EFFORT IN ICU: ATTITUDE OF MULTIDISCIPLINARY TEAM ABOUT NUTRITION AND HYDRATION
Graciela B. CUETO, Valeria A. AMANA AKKAU, Susana Blasco DIEZ, Maria Ganduglia CAZABAN, Margarita A. Torres BODEN (Argentina)

ANALYSIS OF THE CARING RESEARCH IN THE MOUTH CARE
Takuro ARISHIMA, Rie SATO (Japan)

THE INCIDENCE OF POST-OPERATIVE HEMORRHAGE AND HEMATOMA WITH SURGICAL DRAINAGE OR EVACUATION IN THE UNITED STATES
Young SUH, Kyeongman JEON (Republic of Korea)
Ryang CHUNG, Jeong Hoon YANG, Chi-Min PARK, Gee Dae-Sang LEE, Jinkyeong PARK, Jeong-Am RYU, Chi (Republic of Korea)

RISK FACTORS OF ICU READMISSION WITHIN 14 DAYS OF ICU TRANSPORT
Young SUH (Republic of Korea)
KIM, Jin Hwa LEE, Ji Hyun LEE, Younsuck KOH, Gee (Republic of Korea)

ASSOCIATION OF EARLY EMERGENCY CALLS BEFORE PATIENT COLLAPSE WITH SURVIVAL FROM OUT-OF-HOSPITAL CARDIAC ARRESTS
Hideo INABA, Yoshikazu GOTO, Tetsuo MAEDA (Japan)

REVISED JPN GUIDELINES FOR THE MANAGEMENT OF ACUTE PANCREATITIS: JPN GUIDELINES 2015
Toshihiko MAYUMI, Masahiro YOSHIKAWA, Koichi HRATA (Japan)

META-ANALYSIS FOR EFFECTIVENESS OF COMPRESSIONS AND VENTILATIONS IN Bystander CARDIOPULMONARY RESUSCITATION
Hideo INABA, Yasuhiro MYOJO, Keisuke GHTA, Akira FUNADA, Yoshihiko GOTO, Tetsuo MAEDA (Japan)

DRANAGE OR EVACUATION IN THE UNITED STATES
HEMORRHAGE AND HEMATOMA WITH SURGICAL DRAINAGE OR EVACUATION IN THE UNITED STATES
Young SUH, Kyeongman JEON (Republic of Korea)
Ryang CHUNG, Jeong Hoon YANG, Chi-Min PARK, Gee Dae-Sang LEE, Jinkyeong PARK, Jeong-Am RYU, Chi (Republic of Korea)

THE INCIDENCE OF POST-OPERATIVE HEMORRHAGE AND HEMATOMA WITH SURGICAL DRAINAGE OR EVACUATION IN THE UNITED STATES
From 2000-2012
Amanda SHANK, Travis WILSON, Ali SEFI (United States)

16:20-17:40
OP06 Ethics and End of Life
Chair: Cheung Soo SHIN (Republic of Korea)
Chair: Hee-Koo YO (Republic of Korea)

CHALLENGES OF AND OPPORTUNITIES FOR LARGE COLLABORATIONS
John MARSHALL (Canada)

16:20-18:00
SY12 Emerging New Interpretations of Death by Neurologic Criteria
Chair: J. Claude HEMPHILL (United States)
Chair: Byungin Lee (Republic of Korea)

What is Death by Neurologic Criteria, and What It Is Not?
Michel TORBEY (United States)

Changing Interpretations of Death by Neurologic Criteria: The Mcmath Case
David Drippen (United States)

Toward a New Paradigm in Death: Consciousness and Autonomy
Michel TORBEY (United States)

Must Death by Neurologic Criteria Be Irreversible?
David Drippen (United States)

THE BURDEN OF SEPSIS - WHY WE NEED A GLOBAL APPROACH
Konrad REINHART (Germany)

What is Death by Neurologic Criteria, and What It Is Not?
Michel TORBEY (United States)

CONSENT FOR LIFE SAVING DECOMPRESSION CRANIECTOMY: AN OBJECTIVE MODEL
Stephen HONEYBUL, Kwok HO (Australia)

REVISITING THE FUTILITY DEBATE IN NEUROCRITICAL CARE
Stephen HONEYBUL (Australia), Kwok HO (Australia), Grant GILLETT (New Zealand)

ELDERLY MORTALITY IN PORTUGUESE ICU: AN 11 YEARS SURVEY
Cristiana Barrosa SILVA, Daniela ALVES, Fernando LOPES, Albero FREITAS, A. Maria GONCALVES (Portugal)

INTER-FIELD AGREEMENT AMONG INTENSIVE CARE UNITS: MEDICAL DIRECTORS AND CLINICAL ETHICS CONSULTANTS CONCERNING END-OF-LIFE DECISION MAKING IN TEXAS MEDICAL CENTER
Colleen M. GALLAGHER (United States), Alina BENNET (United States), Charles SPRUNG (Israel), Joseph NATES (United States)

LIMITATION OF THE THERAPEUTIC EFFORT IN ICU: ATTITUDE OF MULTIDISCIPLINARY TEAM ABOUT NUTRITION AND HYDRATION
Graciela B. CUETO, Valeria A. AMANA AKKAU, Susana Blasco DIEZ, Maria Ganduglia CAZABAN, Margarita A. Torres BODEN (Argentina)

ANALYSIS OF THE CARING RESEARCH IN THE MOUTH CARE
Takuro ARISHIMA, Rie SATO (Japan)

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OP06 Ethics and End of Life
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**Daily Program**

**Approach to the Management of Septic Shock**

*Emiel Hendrik Post, Fuhong Su, Koji Hosokawa, Jong Taek Park (Republic of Korea)*

**Effect of Pyridoxal-5-Phosphate (PLP) Pretreatment in Cecal Ligation and Puncture Induced Sepsis in Mice**

*Zhang Yu Xiang, Wang Yu, Zheng Yang (China)*

**Acute Renal Denervation Does Not Ameliorate Renal Function in an Ovine Model of Septic Shock**

*Junji Han, Xiaomin Lu, Lijuan Zou, Hong He, Gihong Chen, Jingyuan Xu, Yi Yang, Hailo Qi (China)*

**Effects of Low Tidal Volume Ventilation in a Murine Model of Ventilator-Induced Diaphragmatic Dysfunction**

*Hwa Jin Cho, Seongwoo Kang, Sukhan Jeong, Hyunwoo Kim, Do Hyun Yu, In Seok Jeong (Republic of Korea)*

**Early Warning of Membrane Thickness Increase Through Diffusing Capacity for Carbon Monoxide**

*Min-Yeong Kang, Bernard Sapoval (France)*

**RM 10 (E4)**

**First Things First: Initial Management for Poisoned Patients**

*Clifford S. Deutschman (United States)*

**Drugs of Abuse**

*Janice Zimmermann (United States)*

**Toxicologic Use of Intravenous Lipid Emulsions**

*Sung Phil Chung (Republic of Korea)*

**Why Medical Matters Should be Decided by Medical Experts**

*Jigeeshu Divatia (India)*

**Niacin and Selenium Attenuates Septis-Induced Lung Injury by Up-Regulating NRF2 Signaling**

*Won Yong Kwon, Gil Joon Suh, Kyung Su Kim, Yoon Sun Jung, Sung Hee Kim (Republic of Korea)*

**Meenchymal Stem Cells Improve Survival in a Mouse Model of Severe Pneumococcal Pneumonia**

*Marcos I. Restrepo (United States), Luis F. Reyes (United States, Colombia), Cecilia A. Higuera (United States), Dirk A. Hunt (United States), Alejandro Rodriguez (Spain), Robby Johnson (United States), Nils Soni (United States), Antonio Anzuelo (United States), Jay I. Peters (United States), Mary P. Moyer (United States), Carlos J. Orhueja (United States)*

**ENKHBAATAR, Satoshi Fukuda, Koji Ihara, Ernesto Lopez, Osamu Fujiwara, Baigalmaa Enkhtavain, Satoshi Nakagawa, Koji Hosokawa, Jong Taek Park (Republic of Korea)**

**In Ovine Septis, Increases in Pulmonary Vascular Resistance**

*Jibin Han, Xiaomin Lu, Lijuan Zou, Hong He, Gihong Chen, Jingyuan Xu, Yi Yang, Hailo Qi (China)*

**FURTHER ATTENUATE LIPOPOLYSACCHARIDE-INDUCED LUNG INJURY IN MICE**

*Junji Han, Xiaomin Lu, Lijuan Zou, Hong He, Gihong Chen, Jingyuan Xu, Yi Yang, Hailo Qi (China)*

**EP2 GENE-MODIFIED MESENCHYMAL STEM CELLS ENHANCE MIGRATION TO INJURED LUNG TISSUE AND FURTHER ATTENUATE LIPOPOLYSACCHARIDE-INDUCED LUNG INJURY IN MICE**

*Junji Han, Xiaomin Lu, Lijuan Zou, Hong He, Gihong Chen, Jingyuan Xu, Yi Yang, Hailo Qi (China)*

**RM 11 (E5)**

**Advances in PIC - What Differences Have We Made in the Last Decades?**

*Sunti Singh (India)*

**Current Status of Pediatric Intensive Care in Asia and Korea**

*Kyu-Eun Kim (Republic of Korea)*

**Scenario in Korea**

*Jong-Seo Youn (Republic of Korea)*

**Scenario in China**

*Yuxia Zhang (China)*
Daily Program

August 30 (Sun)

RM 01 (Auditorium)

08:00-08:50
PL03 From 1972 to Date: My Journey on ARDS
Understanding
Luciano GATTINONI (Italy)

09:00-10:20
SY18 Understanding the Physiology of Mechanical Ventilation
Chair: John MARNI (United States)
Chair: Sungsu CHUNG (Republic of Korea)

Heart-Lung Interactions
Michael PINSKY (United States)
Monitoring Respiratory Effort and Work of Breathing by Diaphragmatic EMG
Antonio PESENTI (Italy)
Chest Wall Mechanics
Luciano GATTINONI (Italy)

10:50-12:10
SY19 Back to Basics in Mechanical Ventilation
Chair: Penglin MA (China)
Chair: Paolo PELOSI (Italy)

How Lightly Should We Sedate Mechanically Ventilated Patients?
Penglin MA (China)
Fluid Management in Critically Ill Patients during Mechanical Ventilation
Sang-Bum HONG (Republic of Korea)
Lung Protective Ventilation—Putting All the Lab and Clinical Evidence Together
John MARINI (United States)

12:30-13:30
LS09 Optimizing the Patient’s Brain Function after Critical Illness: ICU Management via the PAM Guidelines and Beyond
Chair: Kook Hyun LEE (Republic of Korea)
Speaker: E. Wesley ELY (United States)

14:00-15:20
SY20 Tackling Ventilator Dyssynchrony
Chair: Richard DELLINGER (United States)
Chair: Sebastian UGARTE (Chile)

Lung-Brain Interactions in Critically Ill Patients Receiving Mechanical Ventilation
Lluis BLANCH (Spain)
Ventilator Wave Form Analysis in Decision Making
Richard DELLINGER (United States)
Spontaneous Ventilation and ARDS
Ross FREEBAIN (New Zealand)

15:50-17:30
SY21 Understanding Weaning from MV
Chair: Laurent BROCHARD (Canada)
Chair: Ross FREEBAIN (New Zealand)

Weaning from Mechanical Ventilation: New Classification
Laurent BROCHARD (Canada)
Diaphragm Dysfunction during Weaning: Significance and Treatment
Cha-Man LIM (Republic of Korea)
Interaction between Sedation and Weaning: How to Balance Them?
Guillermo CASTORENA (Mexico)
New Insights on Tracheal Exubation after Difficult Weaning
Jordi MANCEBO (Spain)

RM 02 (GBR 101)

07:00-07:45
ME01 Optimizing Culture Change to Improve Patient Outcomes
E. Wesley ELY (United States)

09:00-10:20
NR07 Evidence Based Practice
Chair: Rhayun SONG (Republic of Korea)
Back to Basics: Creating Evidence Based Nursing Protocols to Improve Patient Outcomes
Kathleen VOLLWAN (United States)
Experiences of Fostering an EBP Culture
Yongae CHO (Republic of Korea)
Development of Evidence Based Nursing Guidelines
Ihn Soek JEBG (Republic of Korea)

10:50-12:10
NR08 Research Up-to-date
Chair: Joohyun LEE (Republic of Korea)
Advanced Nursing Research in the ICU
Yoonsoo JANG (Republic of Korea)
Valuing Nursing Research in Critical Care
Rhayun SONG (Republic of Korea)

Publishing Strategies
Paul FULBROOK (Australia)

12:30-13:30
LS05 Practical Management of Invasive Fungal Infection in Critically Ill Patients
Chair: Mervyn MER (South Africa)
Speaker: George DIMOPOULOS (Greece)

14:00-15:20
NR09 Education
Chair: Soo Kyung PARK (Republic of Korea)

How Can We Increase the Safety of Tracheal Intubation in Critically Ill Patients?
Jigeeshu DIVATIA (India)
Percutaneous Tracheostomy
Nahit CAKAR (Turkey)
Tracheostomy in the Critically Ill – Pan American and Iberian Federation of Critical Care Medicine (FEPIMCIT) Consensus
Nestor RAIA (Argentina)

14:30-15:50
SY16 Interface between Critical Care and Disaster Medicine
Chair: Charles GOMESGALL (Hong Kong)
Chair: Edgar JIMENEZ (United States)
The Foreign Medical Teams Process, a Tool to Improve Quality and Coordination of Trauma Care Following Disasters
Johan VON SCHREEB (Sweden)

16:20-17:50
SY17 Critical Care in Disaster and War: Field Report
Chair: Gavin JOYNT (Hong Kong)
Chair: Yasuhiro OTOMO (Japan)
Experiences from the Haiti Earthquake 2010 and the 2013 Philippines Typhoon
Johan VON SCHREEB (Sweden)
Industrial Accident (Fukushima)
Yasuhiro OTOMO (Japan)
Ebola Outbreak
Hiroyuki KATO (Japan)
WFSICCM Response to Disasters
Janice ZIMMERMAN (United States)

RM 13 (AD1)

14:30-17:30
WS02 ICU Monitoring Suite - Clinical decision support
Instructor(s)
Dick HUESKE-KRAUS (Germany)
Denise BRADLEY (Australia)

RM 14 (AD2)

14:00-18:00
WS01 Adult Extracorporeal Cardiopulmonary Life Support: Basic step for ECP
Instructor(s)
Su Jin KIM, Jae Seung JUNG, Sung Woo LEE, Yang Hyun CHOI, Hyung Goo KANG, Wook Jin CHOI, Hyun Soo CHUNG (Republic of Korea)
Daily Program

August 30 (Sun)

15:50-17:10
NR10 Healthy Work Environment
Chair: Eun-Hee CHOI (Republic of Korea)
Horizontal Violence in Korea ICU Nurses
Jiyeon KANG (Republic of Korea)
Healthy Work Environments for Critical Care Nurses
Sandra GOLDSWORTHY (Canada)
Professional QOL in the ICU
Jung Yeon KIM (Republic of Korea)

RM 03 (GBR 102)
07:00-07:45
ME02 Why Not Measure Blood Volume to Determine the Endpoint of Fluid And Red Cell Resuscitation?
Mihae YU (United States)
09:00-10:20
NR11 Palliative Care
Chair: Sanghee KIM (Republic of Korea)
Palliative Care in the PICU
Seunghee SON (Republic of Korea)
Application of Advanced Directives
Eun-Hee CHOI (Republic of Korea)
Bereavement Care Program for Family Members
So-Hi KWON (Republic of Korea)
10:50-12:10
NR12 Nonpharmacology Therapy
Chair: Mijoungh KIM (Republic of Korea)
Touch as a Therapeutic Modality in the ICU
Halina S KADARA (Nigeria)
Nursing Care for Delirium Prevention
Soo Kyung PARK (Republic of Korea)
Therapeutic Use of Music in the ICU
Soo Ji KIM (Republic of Korea)
12:30-13:30
LS06 I got by with a Little Help from my PCT in sepsis - from Early Diagnosis to Individualized Patient Management
Chair: Gie Young SUH (Republic of Korea)
Speaker: Mohan ZOSOLT (Hungary)
14:00-15:20
NR13 Family Support
Chair: So-Hi KWON (Republic of Korea)

RM 04 (GBR 103)
08:00-08:50
SP03 Quality Improvement in Trauma and Critical Care
Raul COIMBRA (United States)
09:00-10:20
SY22 Resuscitation
Chair: Mihae YU (United States)
Chair: Seogki LEE (Republic of Korea)
How to Early Detect and Resuscitate Severe Trauma Patients?
Hiroaki WATANABE (Japan)
Resuscitative Thoracotomy
John Cook-Jong LEE (Republic of Korea)
Towards Hemostatic Resuscitation
Mihae YU (United States)
10:50-12:10
SY23 Trauma Care System Worldwide (Panel Discussion)
Chair: Gil Joon SUH (Republic of Korea)
Chair: Seong-Wan BAK (Republic of Korea)
Why We Need a World Coalition for Trauma Care
Raul COIMBRA (United States)
Discussants:
Peter RHEE (United States)
Kang Hyun LEE (Republic of Korea)
Ming-Terk CHIU (Singapore)
12:30-13:30
LS07 Factors Related to the Successful Implementation of Inter Hospital Tele-health for Critical Care
Chair: Cheung Soo SHIN (Republic of Korea)
Speaker: Omar BADAWI (United States)
14:00-15:20
SY24 Damage Control Surgery
Chair: Ho-Seong HAN (Republic of Korea)
Chair: Peter RHEE (United States)

RM 05 (GBR 104+5)
09:00-10:20
SY26 History and Basics of Shock
Chair: Jean-Daniel CHICHE (France)
Chair: Penglin MA (China)
Lactic Acidosis: 1780 to 2015
Richard DELLINGER (United States)
Shock and Tissue Hypoxia
Jean-Daniel CHICHE (France)
Early Goal Directed Therapy - What Did the Big Trials Teach Us
Mitchell LEVY (United States)
10:50-12:10
SY27 Overview of Circulatory Shock
Chair: Daniel DE BACKER (Belgium)
Chair: Jukka TAKALA (Switzerland)
Shock: from Diagnostic to Therapeutic Implications
Rui MORENO (Portugal)
Volume Replacement in the Critically III - an Evidence Based Approach
Kornel REINHART (Germany)
Vasopressors in Shock
Daniel DE BACKER (Belgium)
12:30-13:30
LS08 Electric Impedance Tomography
Chair: John MARINI (United States)
Speaker: Toru KOTANI (Japan)
14:00-15:20
SY28 Management Goals in Septic Shock
Chair: Djillali ANNANE (France)
Chair: Hiroyuki HIRASAWA (Japan)
Is There an Ideal Mean Arterial Pressure Target in Septic Shock?
Jean-Louis TEBOUL (France)

Fluid and Vasopressor Therapy for Septic Shock
Djillali ANNANE (France)

Adjunctive Management Strategies for Septic Shock (Anti-Inflammatory Agents to Statins)
Mitchell LEVY (United States)

15:50-17:30

SY29 Organ Failure in Shock
Chair:  Gernot MARX (Germany)
Chair:  Mervyn MER (South Africa)

Pathophysiology of Multi-organ Failure
Stephen PASTORES (United States)

Inter-organ Cross-talk between Brain and Lung
Gernot MARX (Germany)

Neurologic Complications of Shock
Romer GEOCADIN (United States)

Lung-Kidney Injury Cross-talk
Mary CHOI (United States)

10:50-12:30

SY31 Maximizing ICU Resources
Chair:  Jaeyoung KWON (Republic of Korea)
Chair:  Edgar CELIS-RODRIGUEZ (Colombia)

ICUs with Better Outcomes: How Do You Do It?
Edgar CELIS-RODRIGUEZ (Colombia)

Triage of Admissions to Intensive Care
Charles GOMERSALL (Hong Kong)

Changing ICU Culture Towards a Safety Environment: Staff and Family Role
Antonio O. GALLESIO (Argentina)

The Keys to Successful Rounds
Craig COOPERSMITH (United States)

14:00-15:30

SY32 Ethics (2): End-of-Life Care (Panel Discussion)
Chair:  Shivakumar IYER (India)
Chair:  Andrej MICHALSEN (Germany)

Words Matter - on Euthanasia, Termination of Treatment, and Others
Andrej MICHALSEN (Germany)

How Different We Are?
Younsuck KOH (Republic of Korea)

Is Worldwide Consensus on End-of-life Care Attainable?
Charles SPRUNG (Israel)

John MARSHALL (Canada)

14:00-16:30

WS10 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Hyeong Cheon PARK (Republic of Korea)
Jason KNOX (Australia)

WS11 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Hyoeng Cheon PARK (Republic of Korea)
Jason KNOX (Australia)

RM 06 (203)
09:00-12:00

WS03 Hemodynamic Monitoring - from Theory to Bedside Application
Instructor(s)
Jean Louis TEBOUL (France)
Frederic MICHARD (Switzerland)
Debbie BRODRICK (Australia)

14:00-17:00

WS04 Hemodynamic Monitoring - from Theory to Bedside Application
Instructor(s)
Jean Louis TEBOUL (France)
Frederic MICHARD (Switzerland)
Debbie BRODRICK (Australia)

RM 07 (208)
09:00-12:00

WS05 High-flow Oxygen: Emerging Solution for Hypoxia
Instructor(s)
Dong Hyun LEE, So Young PARK, So Hee PARK, Jinwon HUH (Republic of Korea)

14:00-17:00

WS06 High-flow Oxygen: Emerging Solution for Hypoxia
Instructor(s)
Sang-Bum HONG, Dong Hyun LEE, So Young PARK, So Hee PARK, Jinwon HUH (Republic of Korea)

RM 08 (E1+2)
07:00-07:45
ME16 The Front End and Back End in ICU
Yoshihiro UJIKE (Japan)

09:00-10:30
SY30 Organization of ICU
Chair:  Khalid SHUKRI (Saudi Arabia)
Chair:  Sang-Hyun KWAK (Republic of Korea)

Models for Critical Care Delivery
Satish BHAGWANJEE (United States)

It's Time for Global ICU Accreditation!
Khalid SHUKRI (Saudi Arabia)

Integrating Nurse Practitioners and Physician Assistants in the Multi-professional ICU Team
Jean-Louis VINCENT (Belgium)

John MARSHALL (Canada)

10:50-12:30

SY31 Maximizing ICU Resources
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Charles SPRUNG (Israel)

Report of the Task Force of the WFSICCM: End-of-Life Care
John MYBURGH (Australia)

14:00-16:30

WS10 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Hyoeng Cheon JEONG (Republic of Korea)
Jason KNOX (Australia)

14:00-16:30

WS11 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Hyoeng Cheon PARK (Republic of Korea)
Jason KNOX (Australia)

RM 09 (E3)
09:00-12:00

WS13 Airway Management Workshop
Instructor(s)
Hinoshi OTAKE  (Japan)
Sungwon NA, Jeongmin KIM, Wookyung LEE (Republic of Korea)

14:00-17:00

WS15 Ventilation: How to Effectively Adjust PEEP Using Transpulmonary Pressure Measurements
Instructor(s)
Edgar JIMENEZ (United States)

RM 10 (E4)
09:30-12:00

WS09 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Jong Cheol JEONG (Republic of Korea)
Jason KNOX (Australia)

14:00-16:30

WS10 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment
Instructor(s)
Hyeong Cheon PARK (Republic of Korea)
Jason KNOX (Australia)

RM 11 (E5)
07:00-07:45
ME03 The Future of the Treatment of Acute Brain Injury
Gene SUNG (United States)

08:00-08:30
SP04 Pediatric Critical Care - Low Cost Strategies to Save Many Lives
Niranjani “Tina” KSSDON (Canada)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair(s)</th>
<th>Instructor(s)</th>
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<td>09:00-10:40</td>
<td><strong>PED04 Sepsis and Infection</strong></td>
<td>Dong Soo KIM (Republic of Korea)</td>
<td>Nai Shun TSOI (Hong Kong)</td>
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<td><strong>Fluid and Vasoactive Agents: Current Choice and Reason</strong></td>
<td>Seongjong PARK (Republic of Korea)</td>
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<td><strong>Beyond Fluid and Vasoactive Agents</strong></td>
<td>Niranjan &quot;Tex&quot; KISSOON (Canada)</td>
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<td><strong>Optimal Therapeutic Goal and Target</strong></td>
<td>Swee Fong TANG (Malaysia)</td>
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<td><strong>Antibiotics in Pediatric Intensive Care</strong></td>
<td>Eunhwa CHOI (Republic of Korea)</td>
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<td>10:50-12:10</td>
<td><strong>PED05 Critical Care in Pediatric Surgery &amp; Organ Transplantation</strong></td>
<td>Kyungmo KIM (Republic of Korea)</td>
<td>Satoshi NAKAGAWA (Japan)</td>
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<td><strong>Critical Care after Neurologic Surgery</strong></td>
<td>Seung-Ki KIM (Republic of Korea)</td>
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<td><strong>Surgical Approach to Upper Airway Narrowing</strong></td>
<td>Naoki SHIMIZU (Japan)</td>
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<td><strong>Issue after Liver Transplantation</strong></td>
<td>Seak Hee OH (Republic of Korea)</td>
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<td>14:00-15:20</td>
<td><strong>PED06 Collaboration in Research in PCC</strong></td>
<td>Bettina VON DESSAUER (Chile)</td>
<td>June Dong PARK (Republic of Korea)</td>
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<td><strong>Collaborative Research Net-Work in Asia – Feasibility and Barriers</strong></td>
<td>Jan Hau LEE (Singapore)</td>
<td>Satoshi NAKAGAWA (Japan)</td>
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<td><strong>Bringing Evidence-Based Protocols to the Bedside: Barriers and Strategies for Implementation</strong></td>
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<td><strong>Is Bigger Better? Does PICU Volume Impact Outcome</strong></td>
<td>Brad POSS (United States)</td>
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<td>15:50-17:10</td>
<td><strong>PED07 Acute Kidney Injury and Continuous Renal Replacement Therapy</strong></td>
<td>Brad POSS (United States)</td>
<td>Hae Il CHEONG (Republic of Korea)</td>
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<td><strong>Fluid Management in Critically Ill Children</strong></td>
<td>Nai Shun TSOI (Hong Kong)</td>
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<td><strong>Prevention of Acute Kidney Injury</strong></td>
<td>Hee Young CHO (Republic of Korea)</td>
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<td><strong>Recent Advances in CRRT</strong></td>
<td>Jae II SHIN (Republic of Korea)</td>
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<td>07:00-07:45</td>
<td><strong>ME04 Case Discussions: Traumatic Head Injury and CNS Infections</strong></td>
<td>Sunil SINGHI (India)</td>
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<td>08:00-08:50</td>
<td><strong>SP05 Optimizing Neurocritical Care Across Different Healthcare Delivery Systems</strong></td>
<td>J. Claude HEMPHILL (United States)</td>
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<td>09:00-10:20</td>
<td><strong>SY34 Emergency Neurological Life Support (ENLS)</strong></td>
<td>Byungin LEE (Republic of Korea)</td>
<td>Gene SUNG (United States)</td>
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<td><strong>Ischemic Stroke</strong></td>
<td>Hui Man HU (United States)</td>
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<td><strong>Non-Convulsive Seizures: Should It Be Aggressively Treated?</strong></td>
<td>Byungin LEE (Republic of Korea)</td>
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<td>10:50-12:10</td>
<td><strong>SY35 Neurocritical Care Delivery in Different Parts of the World</strong></td>
<td>Pravin AMIN (India)</td>
<td>Sang Hyung LEE (Republic of Korea)</td>
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<td><strong>United States</strong></td>
<td>Tiffany CHANG (United States)</td>
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<td><strong>India</strong></td>
<td>Pravin AMIN (India)</td>
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<td><strong>Korea</strong></td>
<td>Moon-Ku HAN (Republic of Korea)</td>
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<td><strong>Japan</strong></td>
<td>Tetsuya MAEKAWA (Japan)</td>
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<td><strong>Brazil</strong></td>
<td>Álvaro REA-NETO (Brazil)</td>
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<td>14:00-15:20</td>
<td><strong>SY36 Neuro Critical Care of Neuro Trauma</strong></td>
<td>J. Claude HEMPHILL (United States)</td>
<td>Kwang-Soo LEE (Republic of Korea)</td>
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<td><strong>Systemic Complications of Neurological Injury</strong></td>
<td>Álvaro REA-NETO (Brazil)</td>
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<td><strong>Hemodynamic and Neuro Monitoring for Patients with Neuro Trauma</strong></td>
<td>Kwang-Soo LEE (Republic of Korea)</td>
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<td><strong>Neuroprotection in Traumatic Brain Injury</strong></td>
<td>J. Claude HEMPHILL (United States)</td>
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</tbody>
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**August 31 (Mon)**

### RM 02 (GBR 101)

**07:00-07:45**

- ME05  Indirect Calorimetry in the ICU  
  Pierre SINGER (Israel)

**09:00-10:20**

- NR15  Ethics  
  Chair: Minju KIM (Republic of Korea)

- ICU Patients' Rights: Critical Considerations  
  Gordon SPEED (New Zealand)

- Moral Distress in the ICU  
  Shelley SCHMOLLGRUBER (South Africa)

- Nurses' Attitude for Death and Dying Patients  
  Sanghee KIM (Republic of Korea)

**10:50-12:10**

- NR16  Critical Care Nursing Worldwide  
  Chair: Phyll Ja KIM (Republic of Korea)

- Critical Care Nursing in Australia  
  Marion MITCHELL (Australia)

- Critical Care Nursing in Korea  
  Phyll Ja KIM (Republic of Korea)

- Support for the Nigerian Critical Care Nursing: The WFCNN Connection  
  Halima S KABARA (Nigeria)

**12:30-13:40**

- SU01  Step-up Session (1)  
  Chair: Marion MITCHELL (Australia)  
  Chair: Kyung Ja SONGB (Republic of Korea)

- Management of Intensive Care Units in Ghana  
  Juliet Ami KWADZODEH (Ghana)

- Current Status of Critical Care Medicine in Nigeria  
  Halima S KABARA (Nigeria)

- Nursing Experiences of Caring for Burn Patients with Sepsis in Critical Care Units in South West Zone, Nigeria (Case Study: Nohi, Lagos)  
  Ojigbeyi Chinyere OGARIRI (Nigeria)

- Current Status of Critical Care Nursing/Medicine in Zambia  
  Universe Mulenga HIMOONGA (Zambia)

**14:00-15:20**

- NR17  Communication  
  Chair: Young Hee Yi (Republic of Korea)

- Communication Improvement Program  
  Seong Suk KWAK (Republic of Korea)

- Purposeful Rounding in the ICU: Enhancing Communication  
  Gordon SPEED (New Zealand)

- A Strategy to Enhance the Transitional Care for Communication from the ICU  
  Heesung PARK (Republic of Korea)

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### RM 03 (GBR 102)

**07:00-07:45**

- ME06  Nursing care to reduce CLA-BSI and CA-UTI and VAP/HAP (WFCCN)  
  Kathleen VOLLMAN (United States)

**09:00-10:20**

- NR19  Patient Safety  
  Chair: Cheong-Suk YOOG (Republic of Korea)

- Enhancing Quality and Safety of ICU Care  
  Kyungmoo YANG (Republic of Korea)

- International Patient Safety Goal  
  Seok Ying CHAIR (Hong Kong)

- Unplanned Extubation of ICU Patients with Mechanical Ventilation  
  Eunok KWON (Republic of Korea)

**10:50-12:10**

- NR20  Common Problems  
  Chair: Eunok KWON (Republic of Korea)

- Maintaining Skin Integrity in Critically Ill Patient  
  Yoon Jin LEE (Republic of Korea)

- Keeping Critically Ill Patients Safe during Intrahospital Transport  
  Myeonghe MSON (Republic of Korea)

- Sedation and Analgesia in the Critically Ill  
  Hyang Sook KIM (Republic of Korea)

**12:30-13:30**

- LS11  Applied Metabolic Monitoring in the ICU  
  Jean-Daniel CHICHE (France)

**14:00-15:20**

- NR21  Patient Experience  
  Chair: Yongae CHO (Republic of Korea)

- Patient & Family Experience: Education in the ICU  
  Dongpoak KIM (Republic of Korea)

- Patient & Family Experience: Satisfaction in the ICU  
  Maria Isabelita ROGADO (Philippines)

- Patient & Family Experience: Isolation in the ICU (ICU Diary)  
  Sung Ean LEE (Republic of Korea)
**Daily Program**

**August 31 (Mon)**

### RM 04 (GBR 103)

**09:00-10:20**

**SY42** Basic Issue in ECMO (WFSICCM-WFCCN Joint Symposium)

Chair: Joong Ryul Lee (Republic of Korea)

Coagulation and Anticoagulation during ECMO

Jun TERUYA (WFSICCM) (United States)

ECMO Past, Present, Future

Jae Seung Jung (WFSICCM) (Republic of Korea)

ECMO Care: Promoting Best Care Practices

Esther WONG (WFCCN) (Hong Kong)

### RM 05 (GBR 104+5)

**09:00-10:20**

**SY45** Future of ECMO II

Chair: Jason PHUA (Singapore)

Chair: Thomas MÜLLER (Germany)

Extracorporeal CO2 Removal; Techniques and Clinical Perspectives

Antonio FEGENTI (Italy)

ECMO as a Bridge to Lung Transplantation

Moo Suk PARK (Republic of Korea)

Mobile ECMO Team

Thomas MÜLLER (Germany)

### RM 06 (203)

**09:00-10:20**

**OP10** Sepsis (1)

Chair: Yoshinobu LIJUE (Japan)

Chair: Si Oh KIM (Republic of Korea)

HIGH CORTISOL LEVELS ARE ASSOCIATED WITH BRAIN DYSFUNCTION BUT LOW PROLACTIN CORTISOL RATIO LEVELS ARE ASSOCIATED WITH NOROCOMIAL INFECTION IN SEVERE SEPSIS

Due Nam NGUYEN, Duc Nam NGUYEN, Luc HUYGHENS, Johan SCHETTETACITE, Johan SMITZ, Jean-Louis VINCENT (Belgium)

INCREASED IMMATURE PLATELET FRACTION PRIOR TO PLATELET COUNT DECLINE REFLECTS INCREASED PLATELET PRODUCTION AND COAGULOPATHY-RELATED PLATELET CONSUMPTION IN PATIENTS WITH SEPSIS.

Tomohiro MURONOI, Kansuke KOYAMA, Shin NUNOMIYA, Masahiko WADA, Toshitaka KOINUMA, Tomohiro MURONOI, Kansuke KOYAMA, Shin NUNOMIYA, Masahiko WADA, Toshitaka KOINUMA, Jun SHIMA, Masayaki SUZUKAWA (Japan)

THROMBOELASTOGRAPHY EVALUATION FOR HEMOSTATIC DYSFUNCTION IN SEVERE SEPSIS AND SEPTIC SHOCK: AN EXPERIENCE FROM TERTIARY CARE CENTRE IN NORTH INDIA

Akraaz AZAM, Syed Nabeel MUZAFFAR, Arupam VERMA, Arvind BARONIA (India)

AMOUNT OF VISCERAL ADIPOSE TISSUE IN COMPUTED TOMOGRAPHY IS DOSE-DEPENDENTLY ASSOCIATED WITH MORTALITY IN SEPSIS

Sung-Jun KO, Sun Mi HO, Jinhoo LEE, Young Sik PARK, Jae-Joon YIM, Chul-Gyu YOO, Young Whan KIM, Sung Koo KIM, Sung-Min LEE (Republic of Korea)

A HIGH MEAN ARTERIAL PRESSURE TARGET IS ASSOCIATED WITH IMPROVED MICROCIRCULATION IN SEPTIC SHOCK PATIENTS WITH PREVIOUS HYPERTENSION: A PROSPECTIVE OPEN LABEL STUDY

Yuquan XI, Yi YANG, Haibo QIU (China)
**Daily Program**

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<td>OP11 Sepsis (2)</td>
<td>Chair: Akira YAMASHINA (Japan)</td>
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<td>12:30-13:40</td>
<td>SU02 Step-up Session (2)</td>
<td>Chair: J. Christopher FARMER (United States)</td>
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<td>14:00-15:20</td>
<td>OP12 Pulmonary</td>
<td>Chair: Young Hyun LEE (Republic of Korea), Chair: Sungsu CHUNG (Republic of Korea)</td>
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<td>15:50-17:10</td>
<td>OP13 Sedation and Analgesia</td>
<td>Chair: Vladimir CERNY (Czech), Chair: Jong Hun JUN (Republic of Korea)</td>
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**OP11 Sepsis (2)**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN THAILAND**

**NAVAMINDRADHIRAJ UNIVERSITY UNIT OF FACULTY OF MEDICINE VAJIRA HOSPITAL, MORTALITY IN SEPTIC PATIENTS IN MEDICAL EFFECTS OF VITAMIN D DEFICIENCY AND**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN INDIA TERTIARY INSTITUTION: CAUSES AND EFFECTS IMPROVEMENT IN INTENSIVE CARE UNIT OUTCOME AT A**

**THE EFFECT OF A PHARMACISTS INTERVENTION TO PROMOTE COMPLIANCE OF A SEDATION PROTOCOL IN A MEDICAL ICU**

**OUTCOME OF DELIRIUM DURING INTENSIVE CARE UNIT STAY IN JAPAN**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN LAOS PERCUTANEOUS TRACHEOSTOMY: A CONVIENT LOW COST SOLUTION FOR RESOURCE POOR SETTING RAHAN RABBANI (Bangladesh)**

**PERCUTANEOUS TRACHEOSTOMY: A CONVENIENT LOW COST SOLUTION FOR RESOURCE POOR SETTING RAHAN RABBANI (Bangladesh)**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN LAOS KHAMSAY DETLEUXAY (Lao PDR)**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN INDIA SURAHAB KOLE**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN INDIA SURAHAB KOLE**

**CURRENT STATUS OF CRITICAL CARE MEDICINE IN LAOS KHAMSAY DETLEUXAY (Lao PDR)**

**FEROCULTUS 68 WFSICCM Seoul 2015**

**WFSICCM Seoul 2015**

**August 31 (Mon)**

- FLUORIDE LEVELS WITH LONG-TERM VOLATILE SEDATION WITHIN THE INTENSIVE CARE UNIT
  - Angela JERATH, Kelvin WONG, Deep GREVAL, Andrew STEEL, Niall FERGUSSION, Marcin WASOWICZ (Canada)

- SEDATIVE USE AND DELIRIUM DURING NONINVASIVE POSITIVE PRESSURE VENTILATION: A PROSPECTIVE OBSERVATIONAL STUDY
  - Mutsuo ONODERA, Nao OKUDA, Masayo IZAWA, Taiga ITAGAKI, Masaji NISHIMURA (Japan)

- THE EFFECT OF A PHARMACISTS INTERVENTION TO PROMOTE COMPLIANCE OF A SEDATION PROTOCOL IN A MEDICAL ICU
  - Akira MIKAMI, UI YAMADA, Ryusuke MIYAMICHI, Toshiaki MOCHIZUKI, Norio OTANI, Shinichi ISHIMATSU (Japan)

- CORRELATIONS BETWEEN THE ICP AND MIDLINE SHIFT IN ACUTE ICP PATIENTS
  - Do Sung YOON (Republic of Korea)

- THE THRESHOLD OF OPTIC NERVE SHEATH DIAMETER BY OCULAR ULTRASONOGRAPHY FOR THE DETECTION OF INCREASED INTRACRANIAL PRESSURE IN KOREAN ADULT PATIENTS WITH BRAIN LESIONS
  - Jin Pyeong JEON, Sang Chul LEE, Hannah LEE, Ho Geol RYU (Republic of Korea)

- HEALTHCARE WORKERS OPINION REGARDING OUTCOME FOLLOWING SURGICAL INTERVENTION FOR SEVERE TRAUMATIC BRAIN INJURY
  - Stephen HUKETUI, Kerox HO, Susan O’HANLON (Australia)
**ULTRASOUND IMAGING FOR PEDIATRIC CENTRAL VENOUS CATHETERIZATION: A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES AND RCTS**

Koji Hosokawa, Nobuaki Shime, Graeme MacLaren, Fuhong Su, Satohu Hashimoto (Japan)

**HYPERTONIC SALINE USE IN CRITICALLY ILL CHILDREN IN EMERGENCY DEPARTMENT (ED)**

Ghalib Arbes, Anwar Ul Haq (Pakistan)

**CLINICAL PROFILE AND OUTCOMES OF CHILDREN WITH MALIGNANCIES ADMITTED TO THE PEDIATRIC INTENSIVE CARE UNIT OF A RESOURCE-LIMITED SETTING**

Mufia Bala, Raju G. Saptarishi, Sunil Singh, Muralidharan Javashree, Arun Bansal, Nallasamy Karti (India)

**CHANGING ETIOLOGY AND PREDICTORS OF OUTCOME IN CHILDREN WITH ACUTE CNS INFECTIONS: A PROSPECTIVE HOSPITAL-BASED STUDY**

Sunit Singh, Pratibha Singh, Ritu Aggarwal, Karthi Nallasamy (India)

**HIGHER CENTRAL VENOUS PRESSURE IS ASSOCIATED WITH DEVELOPMENT OF ACUTE KIDNEY INJURY IN SEPTIC PEDIATRIC PATIENTS**

Kenshiro Hayashi, Yu Enomoto, Nao Nishimura, Satoshi Nakanawa (Japan)

**THE RENAL EFFECT OF PROPHYLACTIC AMINOXYLINE THERAPY AFTER CARDIAC SURGERY IN INFANTS**

Hwa Jin Cho, In Seok Jeong (Republic of Korea)

**RECENT CLINICAL OUTCOME IN CHILDREN WITH ACUTE FULMINANT MYOCARDITIS SUPPORTED BY MECHANICAL CIRCULATORY SUPPORT**

Hong Ju Shin, Yu Rim Shin, Han Ki Park, Young Hwan Park, Nam Kyun Kim, Jo Won Jung, Jae Young Choi (Republic of Korea)

**COMPARISON OF ENTERAL VERSUS INTRAVENOUS POTASSIUM SUPPLEMENTATION IN HYPOKALEMIA IN POST CARDIAC SURGERY PEDIATRIC CARDIAC INTENSIVE CARE PATIENTS PROSPECTIVE OPEN LABEL RANDOMIZED CONTROL TRIAL**

Naved-Ur-Rehman Seddiqui, Quratulain Merchant, Arjumand Rizvi, Muneeb Amanullah, Amina Rehman, Anwarul Haque, Babar Hasan (Pakistan)

**RESCUE BRONCHOSCOPIC INTUBATION USING BENTON EXTRA-FLOPPY GUIDEWIRE VIA LARYNGEAL MASK AND SLEDINGER TECHNIQUE IN CRITICAL CARE SETTING**

Deborah Cross, Andrew Nyman, Paul James, Benrd Thiesen, Andrew Durward (United Kingdom)

**EPINEPHRINE IS MORE LIKELY TO ACHIEVE THERAPEUTIC END-POINTS WITHIN FIRST HOUR THAN DOPAMINE IN FLUID-REFRACTORY PEDIATRIC SEPTIC SHOCK**

Karthik Narayanan Ramsay, Sunil Singh, Muralidharan Javashree, Arun Bansal (India)

**One Step Further: The Pursuit of Excellence in Critical Care**

Chair: Naoki Shimizu (Japan)
Chair: Paolo Biban (Italy)

**SAFE AND EFFECTIVE PIC (1)**

Tri Wahyu Murni (Indonesia)

**FUTURE ISSUES**

Critical Care in My Country: the Current Status and Accessibility, Quality of Critical Medicine in Myanmar and Mongolia

Ganbold Lundeg (Mongolia)

**The Relationship of Premature Mortality Rate and Accessibility, Quality of Critical Medicine in Mongolia**

Ganbold Lundeg (Mongolia)

**Snake Bite (Cobra) Management in the ICU in Ghana**

Moe Thu Lin (Myanmar)

**Critical Care in My Country: the Current Status and Future Issues**

Sabrina Da Re (Bolivia)

**Critical Care without Walls of Indonesia**

Tri Wahyu Munfa (Indonesia)

**14:00-15:20**

**OP16 Safe and Effective PIC (1)**

Chair: Paolo Biban (Italy)
Chair: Naoki Shimizu (Japan)

**EPIDEMIOLOGICAL, CLINICAL CHARACTERISTICS AND MORTALITY RISK IN CHILDREN WITH SCORPION ENVENOMATION IN QENA GOVERNORATE, UPPER EGYPT: RETROSPECTIVE DATA ANALYSIS**

Gamal M. Hasan, Ahmed A. Ahmed, Khalid A. Abo El-Baser (Egypt)

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**Daily Program**

**August 31 (Mon)***

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<td>SU03</td>
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<td>Chair: Daniel De Backer (Belgium)</td>
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<td>Chair: Sang-Hyun Kwak (Republic of Korea)</td>
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<td>15:50-17:10</td>
<td>OP17</td>
<td>Safe and Effective PIC (2)</td>
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<td>Chair: Jong-Soo Yoon (Republic of Korea)</td>
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<td>Chair: Yuxia Zhang (China)</td>
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<td>10:40-12:20</td>
<td>SY50</td>
<td>New Techniques in Functional Lung Imaging</td>
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<td>Chair: Davide Chiumento (Italy)</td>
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<td>Chair: Oloan Tampubolon (Indonesia)</td>
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<td>12:30-13:40</td>
<td>SU04</td>
<td>Step-up Session (4)</td>
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<td>Chair: Yu-Chang Yeh (Taiwan)</td>
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<td>Chair: Marc Ziegenfuß (Australia)</td>
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**www.WFSICCM2015.com**
Ultrasound vs Landmark Technique to Cannulate Internal Jugular Vein in ICU at Kathmandu Medical College Hospital - a Comparative Study
Babu Raja SHRESTHA (Nepal)

Evolution of Critical Care in Pakistan in the Last Three Decades
Syed Tipu SULTAN (Pakistan)

Limitations in Monitoring the Patient with Head Trauma in El Salvador
Manuel Enrique BELLO (El Salvador)

High Mortality from Blood Stream Infection in Addis Ababa, Ethiopia, is due to Antimicrobial Resistance: an Observational Cohort Study
Wondwossen Amogne DEGU (Ethiopia)

14:00-15:20

SY55 Pulmonary Embolism
Chair: Boonsong PATJANASOONTORN (Thailand)
Chair: Shirish PRAYAG (India)
Echocardiography in the Management of Severe Pulmonary Embolus
Anthony MCLEAN (Australia)

Choosing the Appropriate Anticoagulant for the Treatment of Venous Thromboembolism
Gee Young SUH (Republic of Korea)

Management of Sub Massive and Massive Pulmonary Embolism: Evidence and Controversy
Boonsong PATJANASOONTORN (Thailand)

15:50-17:20

SY56 For Better ICU Performance
Chair: Joseph NATES (United States)
Chair: Shin Ok KOH (Republic of Korea)
How to Measure “Futility”?  
Joseph NATES (United States)

Cost Containment and Patient Safety
Pravin AMIN (India)

Report of the Task Force of the WFSICCM: ICU Doctor
Pravin AMIN (India)

16:30-18:00

SE04 Recent Issues in Monitoring the Microcirculation to Guide Resuscitation
Daniel DE BACKER (Belgium)

14:00-15:20

SY55 Pulmonary Embolism
Chair: Boonsong PATJANASOONTORN (Thailand)
Chair: Shirish PRAYAG (India)
Echocardiography in the Management of Severe Pulmonary Embolus
Anthony MCLEAN (Australia)

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How to Measure “Futility”?  
Joseph NATES (United States)

Cost Containment and Patient Safety
Pravin AMIN (India)

Report of the Task Force of the WFSICCM: ICU Doctor
Pravin AMIN (India)
Daily Program

August 31 (Mon)

15:10-16:10
SY58 International Sepsis Forum Pro/Con Debates (2): Steroids
Chair: Richard DELLINGER (United States)

Steroids Should Be Used to Treat Patients with Septic Shock (Pro)
John MARINI (United States)

Steroids Should Be Used to Treat Patients with Septic Shock (Con)
Charles SPRUNG (Israel)

16:20-17:20
SY59 International Sepsis Forum Pro/Con Debates (3): Guidelines
Chair: Charles SPRUNG (Israel)

Guidelines Are the Future of Sepsis Management (Pro)
Richard DELLINGER (United States)

Guidelines Are the Future of Sepsis Management (Con)
John MARSHALL (Canada)

RM 12 (E6)
09:00-10:20
SY60 Infectious Issues in ICU
Chair: Fathima PARUK (South Africa)
Chair: Mercedes PALOMAR (Spain)

Demystifying the Diagnosis of Candida in the Critically Ill
Mervyn MER (South Africa)

Ventilator Associated Respiratory Infections: Pneumonia vs Tracheobronchitis
Mercedes PALOMAR (Spain)

Prevention of Catheter-Related Blood Stream Infections
Masaji NISHIMURA (Japan)

10:40-12:20
SY61 Nasal High-flow Therapy across the Continuum of Care
Chair: Laurent BROCHARD (Canada)
Chair: Yalim DIKMEN (Turkey)

The Role of Nasal High-flow Therapy for Patients with Hypoxemic Respiratory Failure
Laurent BROCHARD (Canada)

Nasal High-flow across the Continuum of Care - the Mechanisms of Action and Physiological Outcomes
John FRASER (Australia)

Clinical Applications of Nasal High-flow Therapy
Ross FREEBAIRN (New Zealand)

Nasal High-flow Therapy as a Quality Improvement Strategy in a Provincial Combined ICU / HDU / CCU
Troy BROWNE (New Zealand)

12:30-13:40
SU06 Step-up Session (6)
Chair: Huey-Wen YIEN (Taiwan)
Chair: Byung Ho LEE (Republic of Korea)

Current Status of Critical Care Medicine in My Country
Olanrewaju Nurudeen AKANMU (Nigeria)

Current Status of Critical Care Medicine in Our Country/How to Manage the ICU in the Philippines
May Donato TAN (Philippines)

Experience in Treatment for Severe Acute Pancreatitis
Dao Xuan CO (Viet Nam)

Current Status of Non Invasive Mechanical Ventilation in Nicaragua
Becket ARQUELLO (Nicaragua)

Critical Care in El Salvador: New Challenges
Carlos Enrique ORELLANA-JIMENEZ (El Salvador)

14:00-15:00
SY62 Critical Care in Spinal Cord Injury
Chair: John MYBURGH (Australia)

Ventilatory Care and Weaning Strategy
Chun Kee CHUNG (Republic of Korea)

Fluid Resuscitation in Critically III Patients
John MYBURGH (Australia)

15:50-17:10
SY63 The Immunosuppressed ICU Patient
Chair: Anthony MCLEAN (Australia)

Neutropenic Sepsis: Critical Issues and Treatment Challenges
Stephen PASTORES (United States)

Measuring Immune Suppression in Severe Sepsis
Anthony MCLEAN (Australia)

Blood Purification in Critical Care
Hiroyuki HIRASAWA (Japan)

RM 13 (AD1)
09:30-11:45
WS19 Electric Impedance Tomography Workshop
Instructor(s)
Toru KOTANI (Japan)
Eckhard TESCHNER (Germany)

14:00-16:15
WS20 Electric Impedance Tomography Workshop
Instructor(s)
Toru KOTANI (Japan)
Eckhard TESCHNER (Germany)

Daily Program (Aug 31)
September 1 (Tue)

**RM 01 (Auditorium)**

08:00-08:50
PL05 Mass Casualty in a Resource-Limited Country: How to Prepare Care Teams and How to Deliver Appropriate Management
Bin DU (China)

09:00-10:20
SY64 What the Future Critical Care Would Look Like
Chair: Akira YAMASHINA (Japan)
Chair: Luciano GATTINONI (Italy)

The Future of Hemodynamic Monitoring
Jean-Louis TEBOLU (France)

The Future of Imaging in Critical Care Medicine
Guido MUSCH (United States)

The Future of Mechanical Ventilation
John MARINI (United States)

10:50-12:30
SY65 What the Future Critical Care Would Look Like [WFSCCM-WFCCN Joint Symposium]
Chair: J. Christopher FARMER (United States)
Chair: Sung Jin HONG (Republic of Korea)

Managing Scrub Typhus in ICU
Shivakumar IYER (India)

Emerging and Re-emerging Viral Tropical Diseases
Jorge HIDALGO (Belize)

Malaria in the Critically Ill
Pravin AMIN (India)

10:50-12:10
SY69 Tropical Disease & ICU [I]
Chair: Bambang WAHUJRAJITNO (Indonesia)
Chair: Jorge SINCLAIR (Panama)

Leptospirosis
Juan SILESKY JIMENEZ (Costa Rica)

Hantavirus
Jorge SINCLAIR (Panama)

Severe Dengue Infections in ICU
Shirish PRAYAG (India)

RM 02 (GBR 101)

07:00-07:45
ME10 Identification and Management of Sepsis
Mitchell LEVY (United States)

09:00-10:00
SY66 Hypothermia and Critical Care [I]
Chair: Gabriele KIM (Republic of Korea)

Brain Protection after Cardiac Arrest
Tiffany CHANG (United States)

Hypothermia in Acute Ischemic Stroke
Gene SUNG (United States)

10:50-11:50
SY76 Hypothermia and Critical Care [II]
Chair: Hymahm CHO (Republic of Korea)
Chair: Kang Hyun LEE (Republic of Korea)

RM 03 (GBR 102)

07:00-07:45
ME11 Bed-side Assessment of Hemodynamics
Jukka TAKALA (Switzerland)

09:00-10:40
SY68 Tropical Disease & ICU [I]
Chair: Jorge HIDALGO (Belize)
Chair: Juan SILESKY JIMENEZ (Costa Rica)

10:50-12:30
SY70 WHO and WFSCCM (1): Ebola [WFSCCM-WFCCN-WHO Joint Symposium]
Chair: Satish BHAGWANJEE (United States)
Chair: Nahoko SHINDO (Switzerland)

Clinical Presentation and Diagnostic Tools - Could I Diagnose Ebola
Guy RICHARDS (WFSCCM) (South Africa)

Infection Control - What Are the Risks, What Works
Halima S KABARA (Nigeria)

Research Preparedness for Pandemics and Epidemics
Satish BHAGWANJEE (WFSCCM) (United States)

Ebola: Challenges and Lessons Learned
Nahoko SHINDO (WHO) (Switzerland)

RM 05 (GBR 104+5)

09:00-10:20
SY72 Research
Chair: John MARSHALL (Canada)
Chair: Jun TERUYA (United States)

Dynamic Nuclear Interactions between Influenza Virus and Its Host
Yumiko IMAI (Japan)

Global Collaboration in Critical Care Research
Jean-Louis VINCENT (Belgium)

10:50-12:00
SU07 Step-up Session (7)
Chair: Charles GOMERSALL (Hong Kong)
Chair: Cheung Soo SHIN (Republic of Korea)

Critical Care in Tanzania
Mpozi M. ULSUBISYA (Tanzania)

Intensive Care Management of Subarachnoid Haemorrhage
Carmel Shirani HAPUARACHCHI (Sri Lanka)

How to Manage an ICU in a Country with Fewer Medical Resources: Experience from Vietnam
Nguyen Gia BINH (Viet Nam)

Situational Analysis of Critical Care in León, Nicaragua
Luis Manuel PADILLA (Nicaragua)

Critical Care For Children: What Can Be Achieved In Low Resource Settings
Norman Nathan LUFESI (Malawi)

Education in Critical Care Medicine in Nepal: An Initiative
Moda Nath MARHATTA (Nepal)
**Daily Program**

### September 1 (Tue)

#### RM 07 (208)

10:50-12:00  
**SU08  Step-up Session (8)**  
Chair: Necmettin UNAL (Turkey)  
Chair: Jong Hun JUN (Republic of Korea)

Survey of Resources to Manage Sepsis in a Low Income Country according to the SSC Guidelines  
Arthur KWIZERA (Uganda)

**RM 09 (E3)**

07:00-07:45  
**ME12  Meet the Editor**  
Philip LUMB (United States)

09:00-10:20  
**SY76  Management of Difficult ICU Infection**  
Chair: Massimo ANTONELLI (Italy)  
Chair: Satoru HASHIMOTO (Japan)

MDR Bacteria in ICU: from ICU or Floor  
Haibo QIU (China)

Aerolized Antibiotics  
Massimo ANTONELLI (Italy)

The Management of Biofilm Formation in Invasive Fungal Infections  
George DIMOPOULOS (Greece)

10:50-12:00  
**SU09  Step-up Session (9)**  
Chair: Konrad REINHART (Germany)  
Chair: Young Hyun LEE (Republic of Korea)

Evolution of Mechanical Ventilation in Guatemala  
Zonia Margarita GUZMAN (Guatemala)

Critical Care Service in Countries with Limited Resources: Strategies to Improve Outcomes  
Ike Sri Redjeki SUBARTINI (Indonesia)

Epidemiology of the ICU - Acquired Infections in India  
Ramesh VENKATARAMAN (India)

State of the Pediatric ICU in the Philippines  
Ma.Louisa Uson PERALTA (Philippines)

Case Presentation on Severe and Complicated Malaria (with ARDS) in a Pregnant Lady  
Dawit Amare ABRHA (Ethiopia)

#### RM 08 (E1+2)

07:00-07:45  
**ME14  Pressure Controlled Versus Volume Controlled Ventilation**  
Laurent BROCHARD (Canada)

09:00-10:20  
**SY74  How ICUs Look Different between Countries?**  
Chair: Jigeshu DIVATA (India)  
Chair: Oloan TAMUBOLON (Indonesia)

Caring for ICU Patients in a Resource Limited Environment  
Khom Phea ROUM (Cambodia)

Morbidity and Mortality In the Unit of Intensive Care  
In Hospital Mario Catamarino Rivas of San Pedro Sula, Honduras January 2014 - January 2015  
Entry MELGAR (Honduras)

#### RM 10 (E4)

07:00-07:45  
**ME13  Use of Antiepileptic Drugs in ICU**  
Byungin LEE (Republic of Korea)

09:00-10:40  
**SY71  Renal: Common Critical Care Problems in ICU**  
Chair: Georges OFFENSTADT (France)  
Chair: Sebastian UGARTE (Chile)

Metabolic Acidosis in the Critically Ill  
Janice ZIMMERMAN (United States)

Renal Failure in Sepsis/Septic Shock  
Venugopal REDDY (United States)

**RM 11 (E5)**

07:00-07:45  
**ME15  Do Rapid Response Teams Make a Difference: the Evidence**  
Rinaldo BELLOMO (Australia)

09:00-10:30  
**SY77  Ethics (4): Triage (Panel Discussion)**  
Chair: Fathima PARUK (South Africa)  
Chair: Gavin JOYNT (Hong Kong)

"First Come, First Serve?"  
Charles SPRUNG (Israel)

Rule of Rescue or Greatest Good for All  
André MICHAUSEN (Germany)

**Prognostication**  
Gavin JOYNT (Hong Kong)

**Report of the Task Force of the WFSICCM: Triage**  
Lluis BLANCH (Spain)

10:50-12:30  
**SY78  Ethics (5): Organ Donation (Panel Discussion)**  
Chair: Jongwon HA (Republic of Korea)  
Chair: Jorge HIDALGO (Belize)

Brain Death: Death or Not  
Byungin LEE (Republic of Korea)
Donation after Circulatory Death  
Jongwon HA (Republic of Korea)

Controlled Withdrawal of Life Support in a Donor Candidate: Ethically Acceptable?  
Philip LUMB (United States)

Appropriate Recipient with One Single Organ Failure under Intensive Care  
Jorge HIDALGO (Belize)

**RM 12 (E6)**

**09:00-10:20**  
SY79 How to Feed in Critically Ill Patients?  
Chair: Jeong HONG (Republic of Korea)  
Chair: Pierre SINGER (Israel)

Is Total Parenteral Nutrition “Poisonous”?  
Pravin AMIN (India)

How Early is ‘Early’ in Enteral Nutrition?  
Michael O’LEARY (Australia)

Is Hypocaloric Feeding Beneficial?  
Pierre SINGER (Israel)

**10:50-12:10**  
SY80 Protocol-Based Nutrition Therapy in ICU  
Chair: Abdel Razek ASSEM (Egypt)  
Chair: Masaji NISHIMURA (Japan)

Glucose Control Protocol  
Pierre SINGER (Israel)

Why Protocol?  
Hyun Wook BAIK (Republic of Korea)

Enteral Feeding Protocol  
Masaji NISHIMURA (Japan)
Poster Presentation

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| August 30 (Sun) | WFSICCM Basic Sciences  
Cardiovascular, Cell biology, Neurology, Sepsis and Infection  
WFSICCM Clinical Medicine  
Acute respiratory failure, Administration/Critical care organization, Cardiovascular, Education/Training, Emergency medicine, Endocrine, Epidemiology / Outcomes/Quality of Life, Ethics and end of life, Geriatric medicine, Hematology, Hepatic and Gastrointestinal, Imaging, Immunology, Infections, Mechanical ventilation, Neurology, Other  
WFCCN (Nurse)  
Direct critical care nursing, Education and learning, Infection control, Information and Communication, Management and Leadership, Patient safety and Quality of care, Rehabilitation, Research and EBP, Work environment (Work place)  
WFPICCS (Pediatrics)  
Acute Kidney Injury, Electrolyte and CRRT, Cardiopulmonary Resuscitation in Children, Endocrine and Metabolic, Infection and Immunology, Neonatal Intensive Care, Neurointensive Care, Nutrition and Gastrointestinal, Organization and Outcome Assessment, Respiratory, Sepsis |
| August 31 (Mon) | WFSICCM  
Epidemiology / Outcomes/Quality of Life, Emergency Medicine, Nutrition, Other, Patient and Family Support, Perioperative Medicine, Pharmacology, Pulmonary, Renal, Resuscitation, Safety, Sedation and Analgesia, Sepsis, Toxicology, Transplantation/Organ Donation, Trauma  
WFCCN (Nurse)  
Direct Critical Care Nursing, Education and Learning, Ethics and Human Rights, Health Promotion and Disease Prevention, Infection Control, Other (Outcome etc.), Patient Safety and Quality of Care, Rehabilitation, Research and EBP  
WFPICCS (Pediatrics)  
Respiratory, Sepsis, Infection and Immunology, Other (Including Monitoring, Blood Products in PICU), Safety and Quality of Care in PICU |

1) Presentation Schedule
- Poster Check-in: 09:00-10:00
- Exhibition Area: Exhibition Hall
- Displaying Time: 09:00-18:00
- Poster Rounds: 13:00-14:00
- Poster Take-down: 17:00-18:00

2) Poster Rounds
Authors expect to engage with scientific program committee members in discussing their findings during the Poster Attending Time (13:00-14:00) on that day the authors are presented.

3) Disclaimer
Neither the WFSICCM Seoul 2015 Organizing Committee nor the conference venue shall be responsible for loss or damage of your poster or shall be held liable for injuries to persons or damage to property owned by the poster presenter(s).
* Please note the poster left behind after the removal time (17:00-18:00), can be discarded.
PRE-MORBID GLUCOSE CONTROL MODIFIES THE INTERACTION BETWEEN HYPOGLYCEMIA IN ICU AND MORTALITY; MULTICENTER MULTINATIONAL STUDY
Moritoki EGJ (Japan), James S. KRINSELEY (United States), Paula MAURER (United States), Devendra N. AMIN (United States), Tomoyuki KANAZAWA (Japan), Shruni GHANDI (United States), Kiyoshi MORITA (Japan), Michael BAILEY (Australia), Rinaldo BELLOMO (Australia)

THE INCREASING LENGTH OF STAY OF THE ACUTE CORONARY SYNDROME PATIENT WITH ACUTE KIDNEY INJURY IN ICU: NATIONAL CARDIOVASCULAR CENTER HARAPAN NITA JAVA KARAKA INDONESIA
Isman FIRDIAUS, Dafaah A. JUZAR, Sitiha S. DANNY, Dr IRMALITA, Dian ZAMRIONI, Kartika A. FAULZA, Alam ANSHURI, Surya DHARMA, Daniel TOBING (Indonesia)

THE PROSPECTIVE STUDY ON THE INCIDENCE AND CLINICAL FEATURES OF DELIRIUM USING THE KOREAN VERSION OF DELIRIUM RATING SCALE-REVISED-90K (DRS-R90K) IN CRITICALLY ILL PATIENTS
Jeong Moon MOON, Mi Lee, Jeong Lan KIM, Sang II PARK, Yoon-Hee PARK, Jae Woo CHOI (Republic of Korea)

FACTORS EFFECT LENGTH OF STAY AND MORTALITY IN INTENSIVE CARE UNIT
Gulcin KARACAN, Oktay DEMIRKIRAN (Turkey)

EMERGENCY TRACHEAL INTUBATION IN GENERAL HOSPITAL: AN OBSERVATIONAL STUDY
Hiroshi OKAMOTO, Yumi KATO, Toshiro FUKUOKA (Japan)

INCIDENCE OF CARDIOPULMONARY ARRESTS AFTER IMPLEMENTATION OF A RAPID RESPONSE SYSTEM DURING OPERATION TIME VS NON-OPERATION TIME
Jinsco MIN, Dong Seong LEE, Hyunju MIN, Yun Young CHOI, Eun Young LEE, Young-Jae CHO, Yeon Joo LEE (Republic of Korea)

HOW MUCH DO FAMILY MEMBERS SATISFY WITH THE INTENSIVE CARE UNIT IN SOUTH KOREA?
Gajin LIM, Jinsoo MIN, Guntae PARK, Jisook YOON, Guie Yong LEE, Jong In HAN (Republic of Korea)

CLINICAL CHARACTERISTICS AND OUTCOMES OF VERY ELDERLY CRITICALLY ILL PATIENTS IN A MEDICAL INTENSIVE CARE UNIT OF A SINGLE TERTIARY HOSPITAL IN KOREA
Ho Cheol KIM, Seung Hun LEE, Tae Won LEE, Jung-Wan YOO, Seung Jun LEE, Yu Ju CHI, Yeo Jeong JEONG, Jong Doeg LEE (Republic of Korea)

GENDER DIFFERENCE IN PREOPERATIVE DIASTOLIC FUNCTION IN GERIATRIC PATIENTS FOR NONCARDIAC SURGERY
Guile Yong LEE, Jong In HAN (Republic of Korea)

CLINICAL CHARACTERISTICS OF PATIENTS AGED OVER 90 IN MEDICAL ICU CARE IN KOREA
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2015 NAGOYA AIRWAY MANAGEMENT USING NON-INVASIVE POSITIVE PRESSURE VENTILATION IN THE CRITICAL CARE
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TEMPERATURE DIFFERENCE BETWEEN THE AXILLARY AND TYPANIC MEMBRANE IN HYPOTHERMIC PATIENTS.
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INFLUENCE OF REGIONAL CORTICAL BLOOD FLOW AND CARBON DIOXIDE DIFFERENCE ON CRANIOTOMY PATIENTS.
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REVERSE CUSHING PHENOMENON WHILE DECOMPRESSIVE CRANIECTOMY SURGERY.
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PATIENTS.

Acute Respiratory Failure (ARF)

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Acute Respiratory Distress Syndrome (ARDS)

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Acute Heart Failure Immediately After Transcatheter Aortic Valve Implantation

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Acute Endotracheal Tube Obstruction in Inhalation Burn Injury

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Acute Endotracheal Tube Obstruction in Inhalation Burn Injury

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Acute Respiratory Distress Syndrome as the Initial Clinical Manifestation of an Antisynthetase Syndrome

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Acute Respiratory Distress Syndrome for Refractory Acute Respiratory Distress Syndrome in Miliary Tuberculosis

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Acute Respiratory Distress Syndrome for Refractory Acute Respiratory Distress Syndrome in Miliary Tuberculosis

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Acute Respiratory Distress Syndrome in Critically Ill Patients with Malignancies

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Acute Oxygenation for Massive Aspiration During Early Extracorporeal Membrane Oxygenation

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Asessement of the Effectiveness of Training in Neurology Patients Using Warfarin

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Protocolized Simple Bed-side Rehabilitation for Patients in Intensive Care Unit

WFSICCM_Case_001

Extracorporeal Membrane Oxygenation for Refractory Acute Respiratory Distress Syndrome

WFSICCM_Case_002

Acute Respiratory Distress Syndrome as the Initial Clinical Manifestation of an Antisynthetase Syndrome

WFSICCM_Case_003

Early Extracorporeal Membrane Oxygenation for Massive Aspiration During Anesthesia Induction

WFSICCM_Case_004

Retropharyngeal Hematoma Secondary to Vomiting in a Healthy Adult

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Use of Short-Acting Beta-Blocker in Thyroid Storm with Low-output Cardiac Failure

WFSICCM_Case_006

Common Carotid Artery Dissection During Ventriculoperitoneal Shunt Procedure

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REMIND the Abnormalities of Central Vein During Catheterization from Left Femoral Vein

WFSICCM_Case_008

Pectoral Muscle Stimulation in Patient with a Cardiac Pacemaker

WFSICCM_Case_009

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DECOMPRESSIVE CRANIECTOMY FOR NEUROLOGICAL EMERGENCIES: A SYSTEMATIC REVIEW
Stephen HONEYBUL, Kewok HD (Australia)

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THE PREVALENCE OF LOW BACK PAIN AND ITS ASSOCIATIONS IN NURSES WORKING IN INTENSIVE CARE UNITS
Raziye Nesarin DEMIRTAS (Turkey)

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Raziye Nesarin DEMIRTAS (Turkey)

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Gunja JANG, Esther O. PARK (Republic of Korea)

DEVELOPMENT OF PEDIATRIC NEUROLOGIC EMERGENCY LIFE SUPPORT COURSE: A PRELIMINARY REPORT
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Qalab ABBAS, Anwar U. HAQ (Pakistan)

PREVALENCE OF INTESTINAL PARASITES IN CHILDREN WITH DIARRHEA ADMITTED TO THE EMERGENCY DEPARTMENT
Nihal DOGAN (Turkey)

SAFE DRUG MANAGEMENT INTENSIVE CARE UNIT
Meral Madenoglu KIVANC, Saadet YAZICI (Turkey)
One Step Further: The Pursuit of Excellence in Critical Care

**Poster Presentation (Aug 31)**

**WFSICCM_TP_016**

USEFULNESS OF PEDIATRIC INDEX OF MORTALITY 3 (PIM3) IN SUK SOL, Yoon Hee KIM, Soo Yoon KIM, Min Jung KIM, Soo Hee YOOD, Kyung Won KIM, Myung Hyun SOHN, Kyu Earn KIM (Republic of Korea)

**WFSICCM_TP_017**

THE IMPACT OF AN INTENSIVIST ON THE CLINICAL OUTCOMES OF A PEDIATRIC INTENSIVE CARE UNIT Joongbum CHo, Minji KIM, Ok Jeong LEE, June HUH (Republic of Korea)

**WFSICCM_TP_018**

THE ICU MANAGEMENT RATE OF SEVERE PEDIATRIC PATIENTS AT AUCHI PREFECTURE IN JAPAN Atsushi NUMAGUCHI, Jusui IWASA, Takanari IKEYAMA, Naozuki MATSUDA (Japan)

**WFSICCM_TP_031**

INVESTIGATION OF SEROLOGICAL RESULTS OF TOXOPLASMA GONDII ANTIBODIES AMONG CHILDREN REFERRED TO MEDICAL FACULTY HOSPITAL DURING FIVE YEARS IN TURKEY Nilay DOGAN (Turkey)

**WFSICCM_TP_032**

ACUTE PULMONARY EDEMA DURING PREGNANCY: A CASE STUDY Fatma YILDIRM, Iskender KARA, Murat TURK, Ismail KATI (Turkey)

**WFSICCM_TP_033**

INHALED ISOFURANE FOR LIFE THREATENING BRONCHOSPASM Seo Hee YOOD, Hoon Hee KIM, In Suk SOL, Min Jung KIM, Kyung Won KIM, Myung Hyun SOHN, Kyu Earn KIM (Republic of Korea)

**WFSICCM_TP_136**

SPONTANEOUS TRANSPYLORIC PASSAGE OF ENTERAL FEEDING TUBE IN INTENSIVE CARE UNIT PATIENTS Nobuko SASANO, Akemi TANAKA (Japan)

**WFSICCM_TP_137**

EFFECT OF ENTERAL AND/OR PARENTERAL GLUTAMINE SUPPLEMENTATION ON MORTALITY AND MORBIDITY IN CRITICALLY ILL PATIENTS Hulya SUNGUETEKIN, Ibrahim OZTURK, Bayram BEDER, Simay SERIN (Turkey)

**WFSICCM_TP_138**

CONSTIPATION IN CRITICAL ILL PATIENTS WITH ENTERAL NUTRITION, OPIOIDS AND SEDATIVES Graciele B. CUETO, Margarita A. TORRES BODEN, Jorge R. RODRIGUEZ, Aldo J. CARUSO, Jorge L. LODERO, Gabriel MELNIK, Susana Blasco DEZ, Fabiana TORRES (Argentina)

**WFSICCM_TP_139**

ENTERAL NUTRITION AND PARENTERAL NUTRITION IN CRITICALLY ILL PATIENTS IN NAGOYA UNIVERSITY 2011-2014 Michiko HGASHI, Yuuki TAKATANI, Takuya HINODA, Hitoshi UMINO, Tananori YAMAMOTO, Masato INABA, Tadashi EMA, Atsushi NUMAGUCHI, Miwako KADO, Hiroshi TAKAHASHI, Naozuki MATSUDA (Japan)

**WFSICCM_TP_140**

ASSOCIATION BETWEEN SERUM PHOSPHORUS LEVELS AND OREXIGENIC AND ANOREXIGENIC HORMONES LEVELS IN CRITICALLY ILL PATIENTS Ramazan COSKUN (Turkey), Ender DOGAN (Turkey), Kursat GUNDOGAN (Turkey), Gulseren ELAY (Turkey), Ilhan BAHR (Turkey), Sabahattin MUHTAROGLU (Turkey), Thomas ZIEGLER (United States), Murat SUNGUR (Turkey), Muhammet GUVEN (Turkey)

**WFSICCM_TP_141**

CLINICAL USEFULNESS OF CAPNOGRAPHIC MONITORING FOR FEEDING TUBE INSERTION IN CRITICALLY ILL PATIENTS: BEFORE AND AFTER STUDY Jeong-Am RYU, Jeong Hoon YANG, Daesang LEE, Gee Young SUH, Kyungmong JEON, Joongbum CHO, Chi Ryang CHUNG, Chi-Min PARK (Republic of Korea)

**WFSICCM_TP_142**

CONTINUOUS VS. INTERRUPTED ENTERAL FEEDING IN CRITICALLY ILL PATIENTS: A PROSPECTIVE, RANDOMIZED CONTROLLED TRIAL Jung-Kyu LEE, Ju-Hae PARK, JungHyun KIM, Soo Jung KIM, Sang-Min LEE, Jinwoo LEE (Republic of Korea)

**WFSICCM_TP_143**

THE STUDY OF FUNGAL CONTAMINATION IN THREE CURRENT PACKED SPICES (TURMERIC, BLACK PEPPER AND CINNAMON) IN THE MARKETS OF TEHRAN, IRAN Roshanak Daie GHAZVINI, Seyed Jamal HASHEMI, Ali ASFIA, Shima ASFIA (Iran)

**WFSICCM_TP_144**

THE EFFECT OF SODIUM BICARBONATE ON PREVENTION OF ACUTE KIDNEY INJURY IN HIGH RISK PATIENTS UNDERGOING OFF-PUMP CORONARY ARTERY BYPASS Jong Wook SONG, Jae-Kwang SHIM, Young Lan KWAK (Republic of Korea)

**WFSICCM_TP_145**

COMMUNICATION WITH FAMILY MEMBERS OF PATIENTS IN THE INTENSIVE CARE UNIT: LESSONS FROM MULTIDISCIPLINARY FAMILY MEETINGS Jinsoo MIN, Guntae PARK, Jisook YOON, Jeong Yeon SHIN, Sang Im PARK, Myung Jae JUNG, Seung Hwan LEE (Republic of Korea)

**WFSICCM_TP_146**

COMMUNICATION WITH FAMILY MEMBERS OF PATIENTS IN CRITICALLY ILL PATIENTS: A MONITORED STRATEGY FOR IMPROVING CARE DELIVERY THERY Chung-Sik OH, Wooyeon KIM, Jeong-Hyun YOON, Yeon Joo LEE (Republic of Korea)

**WFSICCM_TP_147**

THE USEFULNESS OF A CLASSIFICATION AND REGRESSION TREE ALGORITHM FOR DETECTING PERIOPERATIVE TRANSFUSION-RELATED PULMONARY COMPLICATIONS Kyu Nam KIM, Dong Won KIM, Mi Ae JUNG, Soo Yoon KIM (Republic of Korea)

**WFSICCM_TP_148**

DESPITE THE STOPPING ASPIRIN FOR MORE THAN 7 DAYS, RISK FACTORS OF PROLONGED PFA-100 VALUE: Hyo-Sung BAE, Dong-Jun KIM, Dong Won JO, Ki-Tae JUNG, Byung-Sik YU (Republic of Korea)

**WFSICCM_TP_149**

TRANSFUSION RISK SCORING MODEL AND BLOOD TRANSFUSION IN PERIOPERATIVE INTENSIVE CARE IN CARDIAC SURGERY Tae Sik KIM, Ho Sung SON, Jae Seung JUNG, Hee Jung KIM, Kyung SUN, Min Jong BAEK, Seu In CHOI (Republic of Korea)

**WFSICCM_TP_150**

PERIOPERATIVE RISK FACTORS ASSOCIATED WITH PRESSURE ULCERS AFTER MAJOR SURGERY Hayoon KIM, Jeong Min KIM, Sungwon NA (Republic of Korea)

**WFSICCM_TP_151**

CONTINUOUS MEASUREMENT OF FORCES DURING TRACHEAL INTUBATION BY USING MACINTOSH OR AIRWAY SCOPE LARYNGOSCOPES WITH A SPECIAL HANDMADE SENSOR Kazuki KURIHARA, Noriko YOKO, Yu ONODERA, Hirotó SUZUKI, Masatsuki OKADA, Masaki NAKANE, Kaneyuki KAWAMIE (Japan)

**WFSICCM_TP_152**

EFFECT OF SODIUM BICARBONATE ON PREVENTION OF ACUTE KIDNEY INJURY IN HIGH RISK PATIENTS UNDERGOING OFF-PUMP CORONARY ARTERY BYPASS Jong Wook SONG, Jae-Kwang SHIM, Young Lan KWAK (Republic of Korea)

**WFSICCM_TP_153**

EFFECT OF SODIUM BICARBONATE ON PREVENTION OF ACUTE KIDNEY INJURY IN HIGH RISK PATIENTS UNDERGOING OFF-PUMP CORONARY ARTERY BYPASS Jong Wook SONG, Jae-Kwang SHIM, Young Lan KWAK (Republic of Korea)

**WFSICCM_TP_154**

WARFARIN THERAPY AND PERIOPERATIVE TRANSFUSION REQUIREMENT WITH BLEEDING AMOUNT IN PATIENTS UNDERGOING CARDIAC SURGERY WITH CARDIOPULMONARY BYPASS: A RETROSPECTIVE STUDY Chung-Sik OH, Woon-Seok KANG, Seong-Hyo KIM (Republic of Korea)

**WFSICCM_TP_155**

DOES CLINICAL PARAMETERS CAN PREDICT THE HIGH RISK OF MULTIDRUG RESISTANCE DEVELOPMENT IN SECONDARY PERITONITIS PATIENTS?: 5 YEARS RETROSPECTIVE COHORT STUDY IN A SINGLE CENTER. Myung Jae JUNG, Seung Hwan KIM, Hyung Won KIM, Tae Hwa HONG, Kyung Won KIM, Jae Gil LEE (Republic of Korea)

**WFSICCM_TP_156**

THE USEFULNESS OF A CLASSIFICATION AND REGRESSION TREE ALGORITHM FOR DETECTING PERIOPERATIVE TRANSFUSION-RELATED PULMONARY COMPLICATIONS Kyu Nam KIM, Dong Won KIM, Mi Ae JUNG, Soo Yoon KIM (Republic of Korea)
LONG DURATIONS OF FASTING AND MASSIVE DIARRHEA ARE ASSOCIATED WITH ELEVATIONS IN SERUM VANCOYMIG CONCENTRATIONS DURING ENTERAL ADMINISTRATION IN CRITICALLY ILL PATIENTS: A RETROSPECTIVE OBSERVATIONAL STUDY.

WFSICCM_TP_158

CHANGE IN THE MANAGEMENT OF THE TYPE 1 SPINAL MUSCULAR ATROPHY OVER 7 YEARS: EXPERIENCE AT A TERTIARY HOSPITAL IN KOREA.

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ASSOCIATION BETWEEN DEFICIT OF HEMODYNAMIC PARAMETERS AND ACUTE KIDNEY INJURY IN PATIENTS WITH SHOCK: A RETROSPECTIVE OBSERVATIONAL STUDY.

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THE ASSOCIATION BETWEEN FILTER LIFE AND INTRA-CIRCUIT ACTIVATED CLOTTING TIME DURING CONTINUOUS RENAL REPLACEMENT THERAPY.

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THE EFFICACY OF PLASMA EXCHANGE FOR DIARRHEA-ASSOCIATED HEMOLYTIC UREMIC SYNDROME.

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LONG DURATIONS OF FASTING AND MASSIVE DIARRHEA ARE ASSOCIATED WITH ELEVATIONS IN SERUM VANCOYMIG CONCENTRATIONS DURING ENTERAL ADMINISTRATION IN CRITICALLY ILL PATIENTS: A RETROSPECTIVE OBSERVATIONAL STUDY.

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THE ASSOCIATION BETWEEN FILTER LIFE AND INTRA-CIRCUIT ACTIVATED CLOTTING TIME DURING CONTINUOUS RENAL REPLACEMENT THERAPY.

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MAJOR TRAUMA PATIENTS
Sung Jeep KIM, Hang Joo CHO, Ji Hoon T. KIM (Republic of Korea)

WFSICCM_TP_187

POSITIVE FLUID BALANCE & HIGH AMOUNT OF 0.9% NSS WERE ASSOCIATED WITH EARLY AKI IN NONCARDIAC, NONSEPSIS SURGICAL PATIENTS ADMITTED TO GENERAL SURGICAL ICU
Suneverat KONGSAVREEPONG, Nonthida ROJARAPATHIPHAIKORN (Thailand)

WFSICCM_TP_189

THE NEED FOR EXTRACORPOREAL CARDIOPULMONARY RESUSCITATION AMONG PATIENTS WITH OUT-OF-HOSPITAL CARDIAC ARREST DUE TO ACUTE CORONARY SYNDROME
Takayuki OTANI, Hirohito SAWANO, Keisuke OYAMA, Masaya MORITA, Tomoaki NAKAMURA, Tatsuro KAI (Japan)

WFSICCM_TP_190

TRENDS IN NEUROLOGICALLY FAVORABLE SURVIVAL AFTER ELDERLY OUT-OF-HOSPITAL CARDIAC ARREST IN JAPAN
Tatsuya FUKUDA, Naoko OHASHI-FUKUDA, Takahiro MATSUBARA, Kent DOI, Yoichi KITSUTA, Susumu NAKAJIMA, Naoki YAHAGI (Japan)

WFSICCM_TP_192

EXTRACORPOREAL CARDIOPULMONARY RESUSCITATION FOR CARDIAC ARREST WITH DEEP HYPOTHERMIA IS ASSOCIATED WITH FAVORABLE SURVIVAL
Katsunori MOCHIZUKI, Akihiko YASHID, Kenichii NITTA, Hiroshi IMAMURA (Japan)

WFSICCM_TP_193

CHANGE IN SERUM CHLORIDE LEVEL AFTER LOADING DOSE OF STEROFUNDIN SOLUTION COMPARED WITH NORMAL SALINE SOLUTION
Sunthiti MORAKUL, Cherdkiat KARNJANARACHTA, Virath TANGSUJARITVIJIT (Thailand)

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RESULTS OF EXTRACORPOREAL CARDIOPOULMONARY RESUSCITATION FOR OUT-OF-HOSPITAL CARDIAC ARREST: PROPENSITY SCORE MATCHING
Euyoung CHUNG, Jaeheun LEE, Dongyoun KIM, Byung Ok KIM, Young Sup BYUN, In Hyun CHUNG, Hye Young LEE, Seok Yong RYU, Suk Jin CHO, Sung Chan OH, Hye Jin KIM (Republic of Korea)

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THE EXPERIENCE OF RAPID RESPONSE SYSTEM IN A REGIONAL TERTIARY HOSPITAL: THE IMPACT AND FEASIBILITY
Jae Young MOON, Jusang LEE, Jun Wan LEE, Na Eun MIN, Jeong Eun PARK, Jae Wook JUNG, Dong Il PARK, Kun Dong KIM, Hong Joon AHN, Bo MI PARK, Jae Wook CHOI, Yeon-Hee PARK, Sooong YOO, Wonjun JUNG (Republic of Korea)

WFSICCM_TP_199

EVALUATION OF RISK FACTORS RELATED UNPLANNED EXTUBATION IN ADULT CRITICAL CARE Kozue SUZUKI, Kai SIGENO, Ryoko ASANO, Rika TUKUMINE, Chikako KAWAHARA, Tetsuya MOYOJIN (Japan)

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SUSTAINED IMPACT OF PRIMARY-TEAM-BASED RAPID RESPONSE SYSTEM ON THE ENTIRE HOSPITAL CPR RATE
Hein Hui HSU, Maw Soan SOON, Yu Jun CHANG, Chia Chu CHANG, Mei Hua CHEN, Kai Huang LIN (Taiwan)

WFSICCM_TP_201

THE IMPACT OF THE CRITICAL CARE OUTREACH TEAM BASED RAPID RESPONSE SYSTEM TO THE UNPREDICTED HOSPITAL DEATH.
Masayasu ARAI, Tomosta KIKOE, Megumi MORIYASU, Seiito ITO, Taizo INAGAKI, Jun HATTORI, Tomohisa OTSUKA, Kazuhisa YOSHINO, Masayuki KURIDWA (Japan)

WFSICCM_TP_203

PREDISPENDING RISK FACTORS FOR DELIRIUM IN PATIENTS WITH TRAUMATIC BRAIN INJURY
Yohei KAWATANI, Yujirou HAYASHI, Yujirou ITO, Hirotsugu KUROBE, Yoshitsugu NAKAMURA, Yuji SUDA, Takaki HORI (Japan)

WFSICCM_TP_204

PROPOFOL VS DEXMEDETOMIDINE FOR SEDATION DISCONTINUATION OF DEXMEDETOMIDINE IN POST-OPERATION.
Koizumi HAMASHI, Yoshihiro UEDA, Takeshi ISHII, Yoichi KITSUTA, Naoki HAYASE, Kent DOI, Akinori MAEDA, Toshifumi SEKIGUCHI, Ganna MAZURENKO (Ukraine)

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THE ALTERNATION OF VITAL SIGNS AND THE REQUIREMENT OF ANALGESICS AFTER DISCONTINUATION OF DEXMEDETOMIDINE IN POST-ESOPHAGECTOMY PATIENTS A DIMITTED INTO ICU.
Daichi FUJIMOTO, Motoki EGI, Satoshi MIZOBUCHI (Japan)

WFSICCM_TP_206

ANALOGESEDATION FOR TARGETED TEMPORARY MANAGEMENT Yashunori KURODA (Japan)

WFSICCM_TP_207

HIGH MORTALITY FROM BLOOD STREAM INFECTION IN ADDIS ABABA, ETHIOPIA, IS DUE TO ANTIMICROBIAL RESISTANCE: AN OBSERVATIONAL COHORT STUDY
Jingyuan XU, Yi YANG, Haibo QIU (China)

WFSICCM_TP_210

EMPIRIC ANTIBIOTIC THERAPY FOR SEVERE SEPSIS AND SEPTIC SHOCK
Waka TAKAHASHI, Taku OSHIMA, Yosuke HAYASHI, Shinya WAIGE, Yoshiyuki KODAMA, Takao KURITA, Daiki SATO, Yoshihiro YAMAJI, Shigeto ODA (Japan)

WFSICCM_TP_211

GLUCOSE-INSULIN-POTASSIUM THERAPY IN PATIENTS WITH SEPTIC SHOCK: A PILOT STUDY USING PROPRONFIN SCORES
Won-Young KIM, Young-Shin KIM, Seunghee BAEK, Jin Won HUH, Chae-Man LIM, Younsuck KOH, Sang-Bum HONG (Republic of Korea)

WFSICCM_TP_212

THE EFFECT OF EARLY GOAL-DIRECTED THERAPY ON OUTCOME IN ADULT SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS: A META-ANALYSIS OF RANDOMIZED CLINICAL TRIALS
Jingyuan XI, Yi IANG, Haibo QIU (China)

WFSICCM_TP_213

THE CLINICAL SYNERGISTIC EFFICACY OF ANTITHROMBIN AND RECOMBINANT HUMAN SOLUBLE THROMBOMODULIN COMBINATION THERAPY FOR SEVERE SEPTIC DISSEMINATED INTRAVASCULAR COAGULATION
Keizo IKEMUNE, Yoko DESAKI, Tatsuku NISHIHARA, Mikiko TAKEUCHI, Hiromi HIGAKI, Hironori MATSUMOTO, Kansuke UKAMOSHI, Kentaro DOTE, Toshihiro YOROZUYA, Takumi NAGARO (Japan)

WFSICCM_TP_214

RECOMBINANT HUMAN THROMBOMODULIN (RHTM) IN PATIENTS WITH SEPSIS AND DISSEMINATED INTRAVASCULAR COAGULATION (DIC)
Norhida YASUDA, Koji GOTO (Japan)

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EFFECT OF RECOMBINANT HUMAN SOLUBLE THROMBOMODULIN ON SEPTIC DISSEMINATED INTRAVASCULAR COAGULATION
Natsugou OHASHI, Kenta TAKEDA, Saori NITSIUS, Takeshi IDE, Naoto HORI, Hanako KOHAMA, Shinichi NISHI (Japan)

WFSICCM_TP_216

ASSOCIATION OF NT-PROBNP WITH HEART RATE IN SEPSIS PATIENTS
Jae Woo CHOI, Yeon-Hee PARK, Seong YOO, Wonjun JUNG, Hong Joon AHN, Bo Mi PARK, Kun Dong KIM, Hong Joon AHN, Bo Mi PARK, Jae Wook CHOI, Yeon-Hee PARK, Sooong YOO, Wonjun JUNG (Republic of Korea)
WFSICCM_TP_217
BUNDLE-BASED MANAGEMENT OF SEPTIC SHOCK IN NAGASAKI UNIVERSITY EMERGENCY AND MEDICAL CU
Umino HITOSHI, Higashi MICHIKO, Yamamoto TAKANORI, Hiroshina TAKUGA, Takakuri YUDAI, Inaba MASATO, Tamura YUJIN, Ejima TADASHI, Numauchi ATSUSHI, Kado MIWAKO, Takahashi HIDEO, Matsuda NAOYUKI (Japan)

WFSICCM_TP_218
STATING INTAKE AND OUTCOME AFTER SEPSIS AND INFECTION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED TRIALS
Jbin HAN (China)

WFSICCM_TP_219
PREDICTIVE VALUE OF LACTATE CLEARANCE IN SEPTIC SHOCK PATIENTS
Young Kun LEE, Kyeongman JEON, Tae Gun SHIN, Sung Yeon HWANG, Chi Ryang CHUNG, Jeong Hoon YANG, Chi Min Park, Gee Young SUH (Republic of Korea)

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WHICH IS THE BEST PREDICTIVE MARKER FOR DIAGNOSIS OF SEPSIS IN ICU PATIENTS, ENDOCAN, PRESEPSCN, PROCALCITONIN OR INTERLEUKIN-6?
Yoshikiko NAKAMURA, Hiroyasu ISHIKURA, Daiki OHTA, Yasumasa KAWANO, Rie YUGE, Reiko ICHIKI, Yoshihiko NAKAMURA, Hiroyasu ISHIKURA, Daiki OHTA, Yasumasa KAWANO, Rie YUGE, Reiko ICHIKI, Kita HISHINO, Takeshi NISHIDA (Japan)

WFSICCM_TP_221
EVALUATION OF RECOMBINANT HUMAN SOLUBLE THROMBOMODULIN THERAPY IN PATIENTS WITH SEVERE SEPSIS: COMPARISON BETWEEN SURVIVORS AND NON-SURVIVORS
Jun OKUDA, Takeshi SUZUKI, Shingo ITO, Eriko HIRAHARA, Yoshi MISONOO, Tomomi UIDA, Hiroshi MORISAKI (Japan)

WFSICCM_TP_222
THE ROLE OF NEUTROPHIL EXTRACELLULAR TRAPS IN PNEUMONIA SEPSIS
So Young PARK, Dong-Keun SONG, Yong Bun PARK, Lung Research Institute Hallym Medical University, Chang-Won HONG (Republic of Korea)

WFSICCM_TP_223
CLINICAL IMPLICATION OF COMBINED BLOOD LACTATE AND CENTRAL VENOUS OXYGEN SATURATION IN PATIENTS WITH SEVERE SEPSIS OR SEPTIC SHOCK
Jung-Wan YOO, Ho Cheol KIM, Gee Young SUH, Shin Ok KIHY, Sungwon NA, Chae-Man LIM, Younseuck KOH, Won-II CHOI, Young-Joo LEE, Seok Chan KIM, Chin Kook RHEE, Gyu Rak CHON, Je Hyoong KIM, Jae Yeol KIM (Republic of Korea)

WFSICCM_TP_224
CLINICAL EFFECTS OF LONGER DURATION OF POLYMIXIN B-IMMOBILIZED FIBER COLUMN DIRECT HEMOPERFUSION THERAPY FOR SEVERE SEPSIS AND SEPTIC SHOCK
Chizuru YAMASHITA, Yoshitaka HARA, Naohide KURIYAMA, Tomoyuki NAKAMURA, Osamu NISHIDA (Japan)

WFSICCM_TP_225
PLASMA GLUTATHIONE REDUCTASE ACTIVITY IS WELL-CORRELATED WITH ERYTHROCYTE GLUTATHIONE REDOX RATIO AND IS ASSOCIATED WITH MORTALITY IN PATIENTS WITH SEPTIC SHOCK
Min Ji PARK, Woong Yong KWON, Gil Joon SUH, Kyung Su KIM, Yoon Sun JUNG, Sung Hee KIM, So Eun LEE (Republic of Korea)

WFSICCM_TP_226
NEGATIVE CORRELATION OF SERUM INSULIN-LIKE GROWTH FACTOR 1 WITH CORTISOL, AND RENIN LEVELS IN SEPSIS AND SEPTIC SHOCK
Sang Hoon LEE, Joo Han SONG, Kyung Soo CHUNG, Song Yee KIM, Eun Young KIM, Ji Ye JUNG, Young Ae KANG, Young Sam KIM, Se Kyu KIM, Joon CHANG, Moo Suk PARK (Republic of Korea)

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CLINICAL PROGNOSTIC FACTORS IN PATIENTS WITH SEPSIS ACCOMPANIED WITH MYOCARDIAL DYSFUNCTION
Ji An HWANG, Young Seok LEE, Joo Han SONG, Kyung Soo CHUNG, Song Yee KIM, Eun Young KIM, Ji Ye JUNG, Young Ae KANG, Young Sam KIM, Se Kyu KIM, Joon CHANG, Moo Suk PARK (Republic of Korea)

WFSICCM_TP_228
PROCALCITONIN AND OTHER INFLAMMATORY MARKERS IN PATIENTS WITH SEPTIC SHOCK: A SINGLE CENTER EXPERIENCE
Abdulnasser ELZOUKI (Qatar), Saib Abu GEORGE (Qatar), Merlin THOMAS (Qatar), Surmaina RAFFIQUE (Qatar), Karen DESOUZA (United Kingdom), Muna AL MASLAMANI (Qatar)

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SURVEY ON SEPSIS CAMPAIGN IN HK
Hye Jin YOO, Keum Soon KIM (Republic of Korea)

WFSICCM_TP_230
THE ROLE OF CURCUMIN ON LIPOPOLYSACCHARIDE-INDUCED INFLAMMATORY CELL ACTIVATION AND ACUTE LUNG INJURY
Jeongmin KIM, Hyeonjeong LEE, Jia SONG, Euna JANG, Taehye PYEON, Tran Duc TIN, Sanghyeon KWAK (Republic of Korea)

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EFFICACY OF POLYMYXIN-B (PMX-B) HEMOPERFUSION IN SEPTIC SHOCK PATIENTS
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A CASE OF SEVERE ACUTE PNEUMOTHORAX DUE TO SUDDEN COMA Caused by SUDDEN CARDIAC ARREST CAUSED BY WOLFF-PARKINSON-WHITE SYNDROME
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INITIAL CHANGE OF POSITION AFTER CARDIOGENIC OSCILLATION AND VENTILATOR MALIGNANT BRAIN EDEMA: IMPLICATIONS FOR ORGAN RECOVERY AND TRANSPLANTATION. Richard Blair ARBOUR (United States)

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FACTORS ASSOCIATED WITH PARTICIPATION OF CARDIAC REHABILITATION AFTER PERCUTANEOUS CORONARY INTERVENTION Ji-Su KIM, Sang Hui CHU (Republic of Korea)

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TITLE: EFFECTS OF A PSYCHO-COGNITIVE NURSING INTERVENTION ON CRITICAL CARE PATIENTS: PAIN AND ANXIETY LEVELS
Maria HADJIBALASSI, Ekaterini LAMBRINOU, Evridiki PAPASTAVROU, Panagiota MILTIADOUS, Theodoros KYPRIANOU, Elizabeth PAPATHANASSOGLOU (Cyprus)

WFCN_P_050

RISK FACTORS AND OUTCOMES ASSOCIATED WITH UNPLANNED ICU READMISSION AFTER CARDIAC SURGERY
Young Ae KANG (Republic of Korea)

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MEASUREMENTS OF ROCUROMIUM BROMIDE AS MARKER OF TRANSPLANTED LIVER FUNCTION
Michael KLUGER, Qijoy YANG, Krzysztof GORYNSKI, Barbarara BOJKO, Stuart MCCUSKEY, Sandy K. PANG, Janusz PAWLISZYN, Marcin WASOWICZ (Canada)

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Angela H. KIRK, Qian Wen SNG, Lu Qin ZHANG, Janil PUTUCHEARY, Janil Hau LEE (Singapore)

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FREQUENCY, PATTERN AND OUTCOME OF SEVERE INJURIES IN CHILDREN FROM PICU OF A RESOURCE-LIMITED COUNTRY
Galaab ABBAS, Anwar Ul HAQ (Pakistan)

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COMPARISON OF INTRARIAL MOISTURE LEVELS AMONG THREE OXYGEN THERAPY DEVICES: A HIGH FLOW SYSTEM, A SIMPLE FACE MASK, AND A NASAL CANNULA
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Galaab ABBAS, Anwar U. HAQ (Pakistan)

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Arun BANSAL, Mohammad ALI, Jayashree MURALIDHARAN, Sunit SINGHI (India)

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EXTRACORPOREAL MEMBRANE OXYGENATION IN PEDIATRIC PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME AND INTRA-ABDOMINAL BLEEDING REQUIRING SURGERY
Minji KIM, Joongbum CHÔ, Dae-Sang LEE, Chi-Min PARK, Yang Hyun CHO, Ji-Hyuk YANG (Republic of Korea)
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[Indications]
1. Prophylaxis and treatment of thromboembolism complications caused by congenital antithrombin-III deficiency
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[Dosage & Administration]
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      Administer Antithrombin-III at 1,000-2,000 IU as initial dose or at 2,000-3,000 IU per day as maintenance
dose, carry out split-dose administration by 500 IU at 4-6-hour intervals or continuous intravenous drip.
   3) Treatment Period
      Administer Antithrombin-III until the antithrombin-III plasma level becomes normal and all
symptoms disappear.
2. Administration
   Reconstitute the freeze-dried powder in 10 ml of sterile water for injection and administer it by slow intravenous
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   lactate solution, normal saline solution, or glucose injection 5% may be used when diluted at up to 1:10.

[Package]
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- **43%** the average mortality for 945 documented cases of MERS¹
- **58%** Mortality at 90 days²
- **58%** A recent case study² identified:
  - 16 days: Median duration of mechanical ventilation
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Mortality is attributed to multi-system organ failure (MSOF)³

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- Product: Patient monitor system, HFO ventilator, aEEG
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- **Address**: Pfizer Tower 110, Toegyero, Junggu, Seoul, Korea
- **Tel**: +82-2-317-2114
- **E-mail**:
- **Website**: www.pfizer.co.kr
- **Product**: Tazocin, Vfend, Zyvox, Pfizer Anti-Infectives, Prevenar13

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- **Tel**: +82-2-709-1244
- **E-mail**: s.h.lee@philips.com
- **Website**: www.philips.co.kr/healthcare
- **Product**: Connected care solutions for clinical care including patient monitor, central station, mobile solution, defibrillator, DECG, and ventilator.

ResMed Ltd

ResMed Portable Ventilator
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- **Address**: 8-228, 97 Siheung-daero Geum cheon-gu, Seoul, Korea
- **Tel**: +82-2-6264-0205
- **E-mail**: mekic@naver.com
- **Website**: www.resmed.com
- **Product**: Portable Ventilator
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- Tel: +82-2-550-3308
- E-mail: korea.congress@roche.com
- Website: www.roche-diagnostics.co.kr
- Product:

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For more information, please visit www.samsungmedison.com

- Address: 42, Teheran-ro 108-gil, Gangnam-gu, Seoul, Korea
- Tel: +82-2-2194-0825
- E-mail: Imjulia.lee@samsungmedison.com
- Website: www.samsungmedison.com
- Product: Digital Radiography, Ultrasound System

The Society of Critical Care Medicine (SCCM) is the largest non-profit medical organization dedicated to promoting excellence and consistency in the practice of critical care. With members in more than 100 countries, SCCM is the only organization that represents all professional components of the critical care team. The Society offers a variety of activities that ensures excellence in patient care, education, research and advocacy.

Mission: SCCM’s mission is to secure the highest quality care for all critically ill and injured patients.

Envisioned Future: SCCM envisions a world in which all critically ill and injured persons receive care from a present integrated team of dedicated trained intensivists and critical care specialists.

Right Care, Right Now: The Society maintains that the Right Care, Right Now™ is best provided by an integrated team of dedicated experts directed by a trained and present physician credentialed in critical care (an intensivist). Right Care, Right Now™ means the right care is delivered at exactly the right moment to achieve optimal patient outcomes.

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- Tel: +1-847-827-6869
- E-mail: info@sccm.org
- Website: www.sccm.org
- Product:
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- **E-mail**
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- **Website**
  www.comfortcough.com
- **Product**
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- **Website**
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- Address: 71-5 Bangbae-ro 26gil (848-11 Bangbae-dong), Seocho-gu, Seoul, Korea 137-836
- Tel: +82-2-536-7550
- E-mail: backjoon.sung@teleflex.com
- Website: www.teleflex.com
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- Tel: +82-10-8952-5543
- E-mail: mh_park@terumo.co.jp
- Website: www.terumo.co.kr
- Product: Infusion pump

The 43rd Annual Meeting of the JSICM

- Address: Tokushima Univ. Hospital Emergency and Critical Care Medicine 3-18-15 Kuramoto, Tokushima, 770-8503
- Tel: +01-88-633-9347
- E-mail: Yamada.yuko@tokushima-u.ac.jp
- Website: http://jsicm2016.umin.jp/
- Product: Congress organizer
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- Tel: 070-7167-1835
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- Website: http://www.upinemed.co.kr
- Product: Therapeutic Hypothermia Device, Tracheostomy tube, Catheter

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- E-mail: salesanz@verathon.com
- Website: www.verathon.com
- Product: GlideScope & BladderScan

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- Tel: +82-1566-0202
- E-mail: kyunghoon.jun@airliquide.com
- Website: www.vitalaire.co.kr
- Product:
The conference will be conducted over three days, offering a wide variety of clinically focused sessions, providing delegates with state-of-the-art knowledge as well as hands-on learning experiences. Its international mix of speakers and delegates further enhances exposure to new ways of working, new ideas about practice, and provides fabulous opportunities for international networking and engagement. We have created a program with something for all critical care nurses wherever they might practice. As this meeting focuses on clinical practice, it will include presentations and interactive clinical intensive sessions on a range of topics, presented by international and national nurse leaders, that reflect current innovation and developments in critical care practice.

**WFCCN (12th Congress of the WFCCN 2016)**

- **Address**: C/ Congress Secretariat, PO BOX 1144, WYNNUM, Q 4178, AUSTRALIA
- **Tel**: +61 7 3893 1988
- **E-mail**: info@e-Kiddna.com.au
- **Website**: www.acccn.com.au
- **Product**: 12th Congress of the WFCCN 2016

**WFSICCM 2017 (Brazilian Association of Intensive Care Medicine)**

It is a great pleasure to invite you to join us in the 13th Congress of the World Federation of Societies of Intensive and Critical Care Medicine and XXII Brazilian Congress of Intensive Care Medicine to take place from November 8th to 11th of 2017, in Rio de Janeiro, Brazil. Organizing this meeting in Brazil is a clear statement from the World Federation of Societies of Intensive and Critical Care Medicine that global health is our priority.

- **Address**: Rua Arminda, 93 - 7º, São Paulo – Brazil - CEP 04545-100
- **Tel**: +55 11 5089 2642
- **E-mail**: antonio.peres@amib.org.br
- **Website**: www.criticalcare2017.com
- **Product**: 13rd Congress of the World Federation of Societies of Intensive and Critical Care Medicine – WFSICCM 2017

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- **Tel**: +82-31-888-9208
- **E-mail**: sjham@woojungbsc.co.kr
- **Website**: http://www.woojungbsc.co.kr/
- **Product**: Hydrogen Peroxide Vapor Generator
Yuhan Corporation

• Address 74, NORYANGJIN-RO, DONGJAK-GU, SEOUL, KOREA
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Where should we go?
How do we get there?
What shall we eat?
What about shopping?
Where do we stay?
Be sepsis aware.
Support
World Sepsis Day, 13 September 2015

Sign the
World Sepsis Declaration: world-sepsis-day.org

Sepsis affects more than 30 million people worldwide a year. Many of whom die or suffer permanent disabilities. Be sepsis aware and save a life.

Join us at the Open Meeting for World Sepsis Day and Global Sepsis Alliance Supporters
Date: 31.08.2015, 2 – 4pm // Room: E7 (3rd floor)
The Korean Journal of Critical Care Medicine (abbreviated as Korean J Crit Care Med) is the official publication of the Korean Society of Critical Care Medicine founded in 1980. The journal has been published since 1986. The journal was published only in English from 2014 (Volume 29, Number 1).

This journal deals with all aspects of emergency management for acute and critical patients. From the stage of article submissions to publication, people in charge of each part administer tightly for impartial judging processes and speedy publication. As a result, highly-qualified, peer-reviewed research articles and clinical cases have been published in this quarterly (February, May, August and November) full color journal. Furthermore, it provides an important forum for exchange of research ideas and clinical experiences for critical care practitioners.

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