



One Step Further:
The Pursuit of Excellence in Critical Care

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

August 29 (Sat) – September 1 (Tue), 2015 COEX, Seoul, Korea

Scientific Program

August 12, 2015

www.wfsiccm2015.com

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PL	Plenary Lecture	PED	Pediatrics Session (WFPICCS)
SP	Section Plenary Lecture	SU	Step-up Session
ME	Meet the Expert	LS	Luncheon Symposium
SY	Symposium	OP	Oral Presentation
NR	Nursing Session (WFCCN)	WS	Workshop

WFSICCM Seoul 2015 Scientific Program

August 29 (Sat)

PL01	08:40-09:30	Critical Care Medicine: Current and Future Challenges	RM 01	Auditorium
	Speaker	Jean-Louis VINCENT		
PL02	09:30-10:20	The Provision of Critical Care Medicine: Where Should We Begin to Address Current Global Disparities?	RM 01	Auditorium
	Speaker	J. Christopher FARMER		
SP01	09:30-10:20	Advancing Critical Care Nursing	RM 02	GBR 101
	Speaker	Ruth KLEINPELL		
SP02	09:30-10:20	Advances in PIC - What Differences Have We Made in the Last Decades?	RM 11	E5
	Speaker	Sunit SINGHI		
SY01	10:50-12:10	State-of-the-Art in ARDS	RM 01	Auditorium
	Co-Chair	Antonio PESENTI		
	Co-Chair	Yoshihito UJIKE		
	Speaker	Antonio PESENTI	Pathophysiology of Gas Exchange in ARDS	
	Speaker	William HURFORD	Ventilator-Induced Lung Injury	
	Speaker	Laurent BROCHARD	Individualization of Ventilation for ARDS	
SY02	14:30-15:50	Grasping Newer Insights in ARDS	RM 01	Auditorium
	Co-Chair	Davide CHIUMELLO		
	Co-Chair	Joe GN Garcia		
	Speaker	Thomas BEIN	Cognitive Disorders and ARDS - a (Underestimated) Coincidence?	
	Speaker	Joe GN Garcia	Genetics and Genomics of ARDS	
	Speaker	Augustine CHOI	Inflammasomes: New Insights in ARDS	
SY03	16:20-17:40	Slow but Significant Switchovers in ARDS	RM 01	Auditorium
	Co-Chair	Luciano GATTINONI		
	Co-Chair	J. Christopher FARMER		
	Speaker	Luciano GATTINONI	Prone Positioning in ARDS	
	Speaker	Paolo PELOSI	Recruitment Maneuver in ARDS: Looking for the Holy Grail	

Speaker William HURFORD Are Neuromuscular Blockers Helpful in ARDS?

SY04 10:50-12:10 ICU Rehabilitation: Current Issues RM 04 GBR 103

Co-Chair Carolyn ROCHESTER

Co-Chair Keiichi TADA

Speaker Carolyn ROCHESTER Changing the ICU Care Paradigm: Role of Early Rehabilitation

Speaker Toru KOTANI Practical Issues in the Implementation of an Early Mobilization Protocol

Speaker Pedro MENDEZ-TELLEZ ICU Acquired Weakness: Neuropathy or Myopathy, Epidemiology and Risk Factors

SY05 14:30-15:50 Pathophysiology of Hemodynamic Derangement RM 04 GBR 103

Co-Chair Jean-Louis TEBOUL

Co-Chair Young-Joo LEE

Speaker Jean-Daniel CHICHE Coping with the Hemodynamic Effects of PEEP

Speaker Jean-Louis TEBOUL Extra-Vascular Lung Water and Volume Responsiveness

Speaker F. Javier HURTADO The Value and Limits of Central and Mixed Venous Oxygen Saturation

SY06 16:20-17:40 Techniques for Hemodynamic Monitoring RM 04 GBR 103

Co-Chair Michael PINSKY

Co-Chair Kyung SUN

Speaker Michael PINSKY Functional Hemodynamic Monitoring

Speaker Anthony MCLEAN The Role of Echo in Evaluating Hemodynamic Status in the Critically Ill

Speaker Jukka TAKALA Hemodynamic Monitoring 'Back to the Basics!'

SY07 10:50-12:10 Controversies in the Control of Pain, Anxiety, and Delirium in the ICU RM 05 GBR 104+5

Co-Chair Bin DU

Co-Chair E. Wesley ELY

Speaker Edgar CELIS-RODRIGUEZ Delirium: Prevalence, Diagnosis, and Prevention

Speaker Guillermo CASTORENA Analgosedation: What Strategy Is Best?

Speaker E. Wesley ELY Implementing Change for ICU Patients: the PAD Guideline

SY08 14:30-16:10 Iatrogenicity in ICU (WFSICCM-WFCCN Joint Symposium) RM 05 GBR 104+5

Co-Chair Masaji NISHIMURA

Co-Chair Steve WEBB

Speaker Steve WEBB (WFSICCM) Half of What We Do Is Wrong, We Just Don't Know Which Half

Speaker	Abdel Razek ASSEM (WFSICCM)	Reducing Human Error in ICU		
Speaker	John MARSHALL (WFSICCM)	Critical Illness Is an Iatrogenic Disease		
Speaker	Maria Isabelita ROGADO (WFCCN)	Patient Safety in the ICU: Key Concepts		
SY09	16:20-18:00	Common Problems in ICU	RM 05	GBR 104+5
Co-Chair	Dean GOPALAN			
Co-Chair	Michael O'LEARY			
Speaker	Hussain AL RAHMA	Arrhythmias, Diagnosis, and Management in ICU		
Speaker	Michael O'LEARY	Muscle Wasting and Weakness in Critical Illness		
Speaker	Georges OFFENSTADT	Prevention of Gastro Duodenal Stress Bleeding		
Speaker	Masaji NISHIMURA	Humidification for Patients with Respiratory Failure		
SY10	10:50-12:30	Ethics (1): Decision-Making: Autonomy (Panel Discussion)	RM 08	E1+2
Co-Chair	Mitchell LEVY			
Co-Chair	Oloan TAMPUBOLON			
Presenter	Gavin JOYNT	Who Should Share in Shared Decision-Making?		
Presenter	Mitchell LEVY	The Concept of Autonomy		
Presenter	Jason PHUA	Autonomous Decisions: Obstacles		
Presenter	Oloan TAMPUBOLON	Why Bother - Autonomy Is Overrated!		
SY11	14:30-15:50	Collaboration for Sepsis	RM 08	E1+2
Co-Chair	H. Kaya YORGANCI			
Co-Chair	Konrad REINHART			
Speaker	Martin DÜNSER	Sepsis in Low and Middle Income Countries		
Speaker	Konrad REINHART	The Burden of Sepsis - Why We Need a Global Approach		
Speaker	John MARSHALL	Challenges of and Opportunities for Large Collaborations		
SY12	16:20-18:00	Emerging New Interpretations of Death by Neurologic Criteria	RM 08	E1+2
Co-Chair	J. Claude HEMPHILL			
Co-Chair	Younsuck KOH			
Speaker	Leslie WHETSTONE	What is Death by Neurological Criteria, and What It Is Not?		
Speaker	David CRIPPEN	Changing Interpretations of Death by Neurologic Criteria: The Mcmath Case		
Speaker	Leslie WHETSTONE	Toward a New Paradigm in Death: Consciousness		

Speaker David CRIPPEN Must Death by Neurologic Criteria Be Irreversible?

SY13 10:50-11:50 First Things First: Initial Management for Poisoned Patients RM 10 E4

Co-Chair Clifford S. DEUTSCHMAN

Co-Chair Janice ZIMMERMAN

Speaker Janice ZIMMERMAN Drugs of Abuse

Speaker Sung Phil CHUNG Toxicologic Use of Intravenous Lipid Emulsions

SY14 14:30-15:30 Pro/Con Debates: Who Should Hold the Last Word? RM 10 E4

Co-Chair Jigeeshu DIVATIA

Co-Chair Younsuck KOH

Speaker David CRIPPEN Why Medical Matters Should be Decided by Medical Experts

Speaker Jigeeshu DIVATIA Why Patients and Their Families Should Have the Last Word

SY15 10:30-12:10 Airway RM 12 E6

Co-Chair Hee-Koo YOO

Co-Chair Joseph NATES

Speaker Joseph NATES Difficult Airway Management: Poor Decisions or Lack of Technical Knowledge?

Speaker Jigeeshu DIVATIA How Can We Increase the Safety of Tracheal Intubation in Critically Ill Patients?

Speaker Nahit CAKAR Percutaneous Tracheostomy

Speaker Nestor RAIMONDI Tracheostomy in the Critically Ill - Pan American and Iberian Federation of Critical Care Medicine (FEPIMCTI) Consensus

SY16 14:30-15:50 Interface between Critical Care and Disaster Medicine RM 12 E6

Co-Chair Charles GOMERSALL

Co-Chair Edgar JIMENEZ

Speaker Johan VON SCHREEB The Foreign Medical Teams Process, a Tool to Improve Quality and Coordination of Trauma Care Following Disasters

Speaker Edgar JIMENEZ The ICU in Disaster

Speaker Joseph NATES ICU Triage: the MD Anderson Cancer Center Model

SY17 16:20-17:50 Critical Care in Disaster and War: Field Report RM 12 E6

Co-Chair Gavin JOYNT

Co-Chair Yasuhiro OTOMO

Speaker Johan VON SCHREEB Experiences from the Haiti Earthquake 2010 and the 2013 Philippines Typhoon

Speaker Yasuhiro OTOMO Industrial Accident (Fukushima)

	Speaker	Hiroyuki KATO	Ebola Outbreak		
	Speaker	Janice ZIMMERMAN	WFSICCM Response to Disasters		
NR01	10:50-12:10	Global Leadership		RM 02	GBR 101
	Chair	Kyung Ja SONG			
	Speaker	Gerald WILLIAMS	A Global View of Critical Care: Practice, Policy, and Politics		
	Speaker	Ruth KLEINPELL	The Future of Critical Care Nursing: Practice Advancing Global Critical Care Nursing		
	Speaker	Eva BARKESTAD	Experiences of Inter-Professional Learning in a Clinical Setting on the ICU in Stockholm		
NR02	14:30-15:50	Rehabilitation		RM 02	GBR 101
	Chair	Soonhaeng LEE			
	Speaker	Eva BARKESTAD	How to Encourage Early Mobilisation in ICU		
	Speaker	Kathleen VOLLMAN	Early Mobility: Impact Short and Long Term Outcomes		
	Speaker	Younjung SON	Quality of Life after Discharge from Intensive Care		
NR03	16:20-17:40	New Trends in Critical Care Nursing		RM 02	GBR 101
	Chair	Marion MITCHELL			
	Speaker	Leanne AITKEN	Psychological Recovery after ICU		
	Speaker	Junghoon CHOI	Web Services for a Real-time Conversation with Family Members of ICU Patients		
	Speaker	Sung Soo KIM	Convergence between IT and Intensive Care		
NR04	10:50-12:10	Cardiology Care		RM 03	GBR 102
	Chair	Youngsun JUNG			
	Speaker	Youngae KANG	Hemodynamic Monitoring - Basic Management of Patients with Acute Coronary Syndrome within the ICU		
	Speaker	Sandra GOLDSWORTHY	Hemodynamic Profile Analysis: a Systematic Approach		
	Speaker	Minyoung HAN	Nursing Care for Arrhythmia Patient in ICU		
NR05	14:30-15:50	Respiratory Care		RM 03	GBR 102
	Chair	Nah-Mee SHIN			
	Speaker	David CHAN	The Effect of ETT Interventions on VAP – a Meta-Analysis		
	Speaker	Leanne AITKEN	Sedation and Analgesia in the ICU		
	Speaker	Chae-Man LIM	High-flow Oxygen Therapy: the Concept and Clinical Application		
NR06	16:20-17:40	Neurology Care		RM 03	GBR 102

Chair	Esther WONG	
Speaker	Vedran DUMBOVIC	Using BIS Monitoring in the ICU - Golden Period for Extubation
Speaker	Elizabeth PAPATHANASSOGLOU	Early Progressive Mobility: Effects on the Brain and Immune System
Speaker	Sang-Beom JEON	Hypothermic Therapy Post CPR

PED01	10:30-12:10	Current Status of Pediatric Intensive Care in Asia and Korea	RM 11	E5
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Co-Chair	Niranjan "Tex" KISSOON	
Co-Chair	Kyu-Earn KIM	
Speaker	Jong-Seo YOON	Scenario in Korea
Speaker	Yuxia ZHANG	Scenario in China
Speaker	Sunit SINGHI	Scenario in India
Speaker	Satoshi NAKAGAWA	Scenario in Japan

PED02	14:30-16:10	Pulmonary Care Including Mechanical Ventilation	RM 11	E5
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Co-Chair	Kangmo AHN	
Co-Chair	Sunit SINGHI	
Speaker	Paolo BIBAN	Difficult Weaning from Mechanical Ventilation in Children
Speaker	Nai Shun TSOI	Augmenting Mechanical Ventilation in Children
Speaker	Satoshi NAKAGAWA	High Frequency Ventilation: When Do I Use It?
Speaker	Brad POSS	Rescue Therapies for Intractable Hypoxemia: Do These Make a Difference?

PED03	16:20-18:00	Cardiac Critical Care	RM 11	E5
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Co-Chair	Swee Fong TANG	
Co-Chair	Seong-Ho KIM	
Speaker	Ji-Hyuk YANG	Recent Advances in Pediatric Cardiac Surgery
Speaker	Paolo BIBAN	Cardiac Arrhythmia in the PICU
Speaker	Sunit SINGHI	Myocardial Failure in Tropical Infections
Speaker	June HUH	Heart-Lung Interaction

LS01	12:30-13:30	Closing the Loop in Ventilation	RM 02	GBR 101
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Speaker	Laurent BROCHARD	
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LS02	12:30-13:30	Hemodynamic Monitoring in 2015: Why and How?	RM 04	GBR 103
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Speaker	Andrew RHODES	Hemodynamic Monitoring from OR to SICU – Impact on Surgical Outcomes
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	Speaker	Frederic MICHARD	Using Transpulmonary Thermodilution in Septic Shock and ARDS Patients		
LS03	12:30-13:30	How to Manage Severe MRSA Nosocomial Pneumonia Infections in ICU Setting		RM 05	GBR 104+5
	Chair	Gee Young SUH			
	Speaker	Bin DU	How to Manage Severe MRSA Nosocomial Pneumonia		
LS04	12:30-13:30	Renal Recovery & Survival in CRRT & Fluid Management in CRRT		RM 11	E5
	Chair	Heungsoo KIM			
	Speaker	William R. CLARK	Renal Recovery as a Quality Metric in Acute RRT		
	Speaker	Sang-Kyung JO	Fluid Management in Critically Ill AKI Patients		
OP01	10:50-12:10	Administration/Critical Organization		RM 06	203
	Co-Chair	Hee Beom MOON			
	Co-Chair	Shin Ok KOH			
	Presenter	Agnes HUANG	IMPACT OF A MULTIDISCIPLINARY TRACHEOSTOMY CARE TEAM ON TRACHEOSTOMY CARE IN THE GENERAL WARDS		
	Presenter	Rozaliia SOLODOVA	AUTOMATIC ROBOTIC SYSTEM OF DIAGNOSING AND TREATMENT IN INTENSIVE CARE UNIT		
	Presenter	Juan Carlos ALVA PINTO	LEVEL OF RESOLUTION AND MANAGEMENT OF CRITICAL PATIENTS IN THE ULDARICO ROCCA FERNANDEZ LEVEL I HOSPITAL, LIMA - PERU		
	Presenter	Olubusola T ALAGBE-BRIGGS	PROFILE OF ADMISSIONS INTO THE INTENSIVE CARE UNIT IN A COUNTRY WITH EMERGING ECONOMY IN WEST AFRICA.		
	Presenter	Donna K BERNER	REDUCING TIME FROM ACCEPTANCE TO INTENSIVE CARE UNIT ARRIVAL		
	Presenter	Jeong Uk LIM	CHANGE IN THE AGE DISTRIBUTION OF PATIENTS ADMITTED TO INTENSIVE CARE UNIT OVER THE LAST DECADE AND ITS EFFECT ON CLINICAL OUTCOME		
OP02	14:30-15:50	Nursing: To the Future (1)		RM 06	203
	Chair	Jiyeon KANG			
	Presenter	Danbi PARK	THE OUTCOMES OF DELIRIUM PREVENTION NURSING INTERVENTION IN SURGICAL INTENSIVE CARE UNIT		
	Presenter	Richard B ARBOUR	PREDICTIVE VALUE OF THE BISPECTRAL INDEX FOR BURST SUPPRESSION ON DIAGNOSTIC ELECTROENCEPHALOGRAPH DURING DRUG-INDUCED COMA.		
	Presenter	Obiageli C Oguariri	NURSING EXPERIENCES OF CARING FOR BURNS PATIENCE WITH SEPSIS IN CRITICAL CARE UNIT IN SOUTH WEST NIGERIA (CASE STUDY NOHI LAGOS)		
	Presenter	Jiyeon KANG	ORGANIZATIONAL CULTURE AND WORKPLACE BULLYING IN NURSES		
	Presenter	Rocio FERNANDEZ MENDEZ	METHODS FOR GLYCAEMIC CONTROL IMPLEMENTED IN NHS INTENSIVE CARE UNITS IN THE UK: A CROSS-SECTIONAL STUDY IN SEVEN HOSPITALS		
OP03	16:20-17:40	Nursing: To the Future (2)		RM 06	203
	Chair	Young Hee YI			

Presenter	Soo Hyun CHO	DEVELOPMENT OF THE TRANSITIONAL CARE PROGRAM AND ITS EFFECT ON PATIENTS DISCHARGED FROM THE INTENSIVE CARE UNITS
Presenter	Mark FIELDING	VALIDATION OF A COMBINED ANALGESIA & SEDATION PROTOCOL FOR ICU PATIENTS
Presenter	Sungdae SHIN	THE ROLE OF CVCS MANAGERS AND EFFECTIVENESS OF REDUCTION CLABSI IN SURGICAL INTENSIVE CARE UNIT.
Presenter	Richard B ARBOUR	SELF-DESCRIBED NURSING ROLES EXPERIENCED DURING CARE OF DYING PATIENTS AND THEIR FAMILIES: A PHENOMENOLOGICAL STUDY.
Presenter	Sung Ean LEE	PROVIDING THE ICU DIARY AS A THERAPEUTIC TOOL TO AID IN RECOVERY FROM PSYCHOLOGICAL DISTRESS AND IMPROVE THE SATISFACTION OF PATIENTS AND FAMILIES AFTER RECEIVING INTENSIVE CARE.

OP04	10:50-12:10	Trauma	RM 07 208
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Co-Chair	Chul Hyun PARK	
Co-Chair	H. Kaya YORGANCI	
Presenter	Jeong-Sun LEE	A CLINICAL STUDY OF PREDICTIVE FACTORS ASSOCIATED WITH BLEEDING CONTROL IN MULTIPLE TRAUMA PATIENTS WITH MASSIVE BLEEDING
Presenter	Stephen HONEYBUL	LONG TERM OUTCOME FOLLOWING DECOMPRESSIVE CRANIECTOMY FOR SEVERE TRAUMATIC BRAIN INJURY
Presenter	Hayaki UCHINO	FEASIBILITY OF FULLY AUTOMATED CLOSED-LOOP VENTILATION (INTELLIVENT-ASV) FOR PATIENTS WITH TRAUMATIC BRAIN INJURIES IN THE ICU.
Presenter	Min Ae KEUM	CLINICAL REVIEW OF VENTILATOR-ASSOCIATED PNEUMONIA (VAP) IN POLYTRAUMA PATIENTS
Presenter	Bellal JOSEPH	EARLY FEEDS NOT FORCE FEEDS: ENTERAL NUTRITION IN TRAUMATIC BRAIN INJURY

OP05	14:30-15:50	Epidemiology / Outcomes / Quality of Life	RM 07 208
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Co-Chair	Satoshi GANDO	
Co-Chair	Sung Jin HONG	
Presenter	Christiane S HARTOG	DEVELOPMENT OF SEPSIS RATES AND COSTS IN GERMAN HOSPITALS
Presenter	Cornelius SENDAGIRE	INTENSIVE CARE UNIT MORTALITY IN SUB-SAHARAN AFRICA: THE MODIFIED SEQUENTIAL ORGAN FUNCTION ASSESSMENT SCORE
Presenter	Tae Sun HA	CHARACTERISTICS AND OUTCOMES OF CRITICALLY ILL CANCER PATIENTS ADMITTED TO KOREAN INTENSIVE UNITS: MULTICENTER STUDY
Presenter	Dae-Sang LEE	RISK FACTORS OF ICU READMISSION WITHIN 48HRS IN THE CRITICALLY ILL CANCER PATIENTS
Presenter	Amanda SHAKAL	THE INCIDENCE OF POST-OPERATIVE HEMORRHAGE AND HEMATOMA WITH SURGICAL DRAINAGE OR EVACUATION IN THE UNITED STATES FROM 2000-2012

OP06	16:20-17:40	Ethics and End of Life	RM 07 208
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Co-Chair	Cheung Soo SHIN	
Co-Chair	Hee-Koo YOO	
Presenter	Stephen HONEYBUL	CONSENT FOR LIFE SAVING DECOMPRESSIVE CRANIECTOMY: AN OBJECTIVE MODEL

Presenter	Stephen HONEYBUL	REVISITING THE FUTILITY DEBATE IN NEUROCRITICAL CARE
Presenter	Antonio M GONCALVES	ELDERLY MORTALITY IN PORTUGUESE ICU- AN 11 YEARS SURVEY
Presenter	Joseph L. NATES	INTER-FIELD AGREEMENT AMONG INTENSIVE CARE UNITS MEDICAL DIRECTORS AND CLINICAL ETHICS CONSULTANTS CONCERNING END-OF-LIFE DECISION MAKING IN TEXAS MEDICAL CENTER
Presenter	Margarita A TORRES BODEN	LIMITATION OF THE THERAPEUTIC EFFORT IN ICU: ATTITUDE OF MULTIDISCIPLINARY TEAM ABOUT NUTRITION AND HYDRATATION
Presenter	Takuro ARISHIMA	ANALYSIS OF THE CARING RESEARCH IN THE MOUTH CARE

OP07	10:50-12:10	Emergency Medicine	RM 09 E3
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Co-Chair	Masayuki SUZUKAWA	
Co-Chair	Gabteug KIM	
Presenter	Hideo INABA	ASSOCIATION OF EARLY EMERGENCY CALLS BEFORE PATIENT COLLAPSE WITH SURVIVAL FROM OUT-OF-HOSPITAL CARDIAC ARRESTS
Presenter	Hideo INABA	COMPONENT ANALYSES FOR EFFECTIVENESS OF COMPRESSIONS AND VENTILATIONS IN BYSTANDER CARDIOPULMONARY RESUSCITATION
Presenter	Toshihiko MAYUMI	JPN GUIDELINES FOR THE MANAGEMENT OF ACUTE ABDOMEN 2015
Presenter	Toshihiko MAYUMI	REVISED JPN GUIDELINES FOR THE MANAGEMENT OF ACUTE PANCREATITIS: JPN GUIDELINES 2015
Presenter	Young-Sang KO	PROGNOSTIC SIGNIFICANCE OF HYPOVENTILATION INDEX ADJUSTING FOR THE SEVERITY OF METABOLIC ACIDOSIS

OP08	14:30-15:50	Basic Science (1)	RM 09 E3
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Co-Chair	Keiichi TADA	
Co-Chair	Jaeyoung KWON	
Presenter	Ji Eun HWANG	METHYLENE BLUE HAS A BENEFICIAL EFFECT TO PROLONGED CARDIAC ARREST IN RAT MODEL
Presenter	Zhang YU XIANG	ULINASTATIN PROTECT THE HYPOTHALAMUS-PITUITARY- ADRENAL AXIS IN SEPTIC RATS VIA DIFFERENTIAL EXPRESSIONS OF NNOS AND INOS IN THE HYPOTHALAMUS
Presenter	Jong Taek PARK	THE EFFECTS OF PYRIDOXAL 5-PHOSPHATE (PLP) PRETREATMENT IN CECAL LIGATION AND PUNCTURE INDUCED SEPSIS IN MICE
Presenter	Emiel POST	ACUTE RENAL DENERVATION DOES NOT AMELIORATE RENAL FUNCTION IN AN OVINE MODEL OF SEPTIC SHOCK
Presenter	Ernesto LOPEZ	BLOCKAGE OF ARGININE VASOPRESSIN RECEPTOR 2 PREVENTS VASCULAR LEAKAGE AND REDUCES INCREASE IN PULMONARY VASCULAR RESISTANCE IN OVINE SEPSIS
Presenter	Seol-Ju PARK	EFFECTS OF LIPOPOLYSACCHARIDE ON RBC ALTERATION IN MICE ENDOTOXEMIC MODEL

OP09	16:20-17:40	Basic Science (2)	RM 09 E3
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Co-Chair	Sang-Hyun KWAK	
Co-Chair	Murat SUNGER	
Presenter	Jiao LIU	DIFFERENCES IN EXPRESSION OF THE HUMAN SFTPB VARIANT DETERMINE SUSCEPTIBILITY TO STAPHYLOCOCCUS AUREUS INFECTION IN LUNG

Presenter	Woon Yong KWON	NIACIN AND SELENIUM ATTENUATES SEPSIS-INDUCED LUNG INJURY BY UP-REGULATING NRF2 SIGNALING
Presenter	Luis Felipe REYES	MESENCHYMAL STEM CELLS IMPROVES SURVIVAL IN A MICE MODEL OF SEVERE PNEUMOCOCCAL PNEUMONIA
Presenter	Han JIBIN	EP2 GENE-MODIFIED MESENCHYMAL STEM CELLS ENHANCE MIGRATION TO INJURED LUNG TISSUE AND FURTHER ATTENUATE LIPOPOLYSACCHARIDE-INDUCED LUNG INJURY IN MICE
Presenter	Hwa Jin CHO	EFFECTS OF LOW TIDAL VOLUME VENTILATION IN A MURINE MODEL OF VENTILATOR-INDUCED DIAPHRAGMATIC DYSFUNCTION
Presenter	Min-Yeong KANG	EARLY WARNING OF MEMBRANE THICKNESS INCREASE THROUGH DIFFUSING CAPACITY FOR CARBON MONOXIDE

WS01 14:00-18:00 Adult Extracorporeal Cardiopulmonary Life Support: Basic step for ECPR RM 14 AD2

Instructor	Su Jin KIM
Instructor	Jae Seung JUNG
Instructor	Sung Woo LEE
Instructor	Yang Hyun CHO
Instructor	Hyung Goo KANG
Instructor	Wook-jin CHOI
Instructor	Hyun Soo CHUNG

WS02 14:30-17:30 ICU Monitoring Suite - Clinical decision support RM 13 AD1

Instructor	Chandana SAMARANAYAKE
Instructor	Denise BRADLEY

August 30 (Sun)

LS05 12:30-13:30 Practical Management of Invasive Fungal Infection in Critically Ill Patients RM 02 GBR 101

Chair	Mervyn MER
Instructor	Hyeong Cheon PARK

PL03 08:00-08:50 From 1972 to Date: My Journey on ARDS Understanding RM 01 Auditorium

Speaker	Luciano GATTINONI
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SP03 08:00-08:50 Quality Improvement in Trauma and Critical Care RM 04 GBR 103

Speaker	Raul COIMBRA
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SP04 08:00-08:50 Pediatric Critical Care - Low Cost Strategies to Save Many Lives RM 11 E5

Speaker	Niranjan "Tex" KISSOON
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SP05 08:00-08:50 Optimizing Neurocritical Care Across Different Healthcare Delivery Systems RM 12 E6

	Speaker	J. Claude HEMPHILL		
ME01	07:00-07:45	Optimizing Culture Change to Improve Patient Outcomes	RM 02	GBR 101
	Speaker	E. Wesley ELY		
ME02	07:00-07:45	Why Not Measure Blood Volume to Determine the Endpoint of Fluid And Red Cell Resuscitation?	RM 03	GBR 102
	Speaker	Mihae YU		
ME03	07:00-07:45	The Future of the Treatment of Acute Brain Injury	RM 11	E5
	Speaker	Gene SUNG		
ME04	07:00-07:45	Case Discussions: Traumatic Head Injury and CNS Infections	RM 12	E6
	Speaker	Sunit SINGHI		
ME16	07:00-07:45	The Front End and Back End in ICU	RM 08	E1+2
	Speaker	Yoshihito UJIKE		
SY18	09:00-10:20	Understanding the Physiology of Mechanical Ventilation	RM 01	Auditorium
	Co-Chair	John MARINI		
	Co-Chair	Sungsu CHUNG		
	Speaker	Michael PINSKY	Heart-Lung Interactions	
	Speaker	Antonio PESENTI	Monitoring Respiratory Effort and Work of Breathing by Diaphragmatic EMG	
	Speaker	Luciano GATTINONI	Chest Wall Mechanics	
SY19	10:50-12:10	Back to Basics in Mechanical Ventilation	RM 01	Auditorium
	Co-Chair	Penglin MA		
	Co-Chair	Paolo PELOSI		
	Speaker	Penglin MA	How Lightly Should We Sedate Mechanically Ventilated Patients?	
	Speaker	Sang-Bum HONG	Fluid Management in Critically Ill Patients during Mechanical Ventilation	
	Speaker	John MARINI	Lung Protective Ventilation—Putting All the Lab and Clinical Evidence Together	
SY20	14:00-15:20	Tackling Ventilator Dyssynchrony	RM 01	Auditorium
	Co-Chair	Richard DELLINGER		
	Co-Chair	Sebastian UGARTE		
	Speaker	Lluís BLANCH	Lung-Brain Interactions in Critically Ill Patients Receiving Mechanical Ventilation	
	Speaker	Richard DELLINGER	Ventilator Wave Form Analysis in Decision Making	
	Speaker	Ross FREEBAIRN	Spontaneous Ventilation and ARDS	

SY21	15:50-17:30	Understanding Weaning from MV	RM 01	Auditorium
	Co-Chair	Laurent BROCHARD		
	Co-Chair	Ross FREEBAIRN		
	Speaker	Laurent BROCHARD	Weaning from Mechanical Ventilation: New Classification	
	Speaker	Chae-Man LIM	Diaphragm Dysfunction during Weaning: Significance and Treatment	
	Speaker	Guillermo CASTORENA	Interaction between Sedation and Weaning: How to Balance Them?	
	Speaker	Jordi MANCEBO	New Insights on Tracheal Extubation after Difficult Weaning	
SY22	09:00-10:20	Resuscitation	RM 04	GBR 103
	Co-Chair	Mihae YU		
	Co-Chair	Seogki LEE		
	Speaker	Hiroaki WATANABE	How to Early Detect and Resuscitate Severe Trauma Patients?	
	Speaker	John Cook-Jong LEE	Resuscitative Thoracotomy	
	Speaker	Mihae YU	Towards Hemostatic Resuscitation	
SY23	10:50-12:10	Trauma Care System Worldwide (Panel Discussion)	RM 04	GBR 103
	Co-Chair	Gil Joon SUH		
	Co-Chair	Seong Wan BAIK		
	Presenter	Raul COIMBRA	Why We Need a World Coalition for Trauma Care	
	Discussant	Peter RHEE		
	Discussant	Kang Hyun LEE		
	Discussant	Ming-Terk CHIU		
SY24	14:00-15:20	Damage Control Surgery	RM 04	GBR 103
	Co-Chair	Ho-Seong HAN		
	Co-Chair	Peter RHEE		
	Speaker	Ming-Terk CHIU	Life Threatening Chest Injuries	
	Speaker	Raul COIMBRA	Damage Control in Abdomen and Pelvis Injuries	
	Speaker	Peter RHEE	Advances in Traumatic Brain Injury Treatment	
SY25	15:50-17:10	Controversial Issues in Trauma Patients	RM 04	GBR 103
	Co-Chair	Jungchul KIM		
	Co-Chair	Mihae YU		

Speaker	Mihae YU	Fluid Resuscitation: Where We Are
Speaker	Suk-Kyung HONG	How to Use Antibiotics in Abdominal Injury Patients?
Speaker	In Seok JEONG	ECMO Support in Trauma Patients

SY26	09:00-10:20	History and Basics of Shock	RM 05	GBR 104+5
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Co-Chair	Jean-Daniel CHICHE	
Co-Chair	Penglin MA	
Speaker	Richard DELLINGER	Lactic Acidosis: 1780 to 2015
Speaker	Jean-Daniel CHICHE	Shock and Tissue Hypoxia
Speaker	Steve WEBB	Early Goal Directed Therapy - What Did the Big Trials Teach Us

SY27	10:50-12:10	Overview of Circulatory Shock	RM 05	GBR 104+5
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Co-Chair	Daniel DE BACKER	
Co-Chair	Jukka TAKALA	
Speaker	Rui MORENO	Shock: from Diagnostic to Therapeutic Implications
Speaker	Konrad REINHART	Volume Replacement in the Critically Ill - an Evidence Based Approach
Speaker	Daniel DE BACKER	Vasopressors in Shock

SY28	14:00-15:20	Management Goals in Septic Shock	RM 05	GBR 104+5
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Co-Chair	Djillali ANNANE	
Co-Chair	Hiroyuki HIRASAWA	
Speaker	Jean-Louis TEBOUL	Is There an Ideal Mean Arterial Pressure Target in Septic Shock?
Speaker	Djillali ANNANE	Fluid and Vasopressor Therapy for Septic Shock
Speaker	Mitchell LEVY	Adjunctive Management Strategies for Septic Shock (Anti-Inflammatory Agents to Statins)

SY29	15:50-17:30	Organ Failure in Shock	RM 05	GBR 104+5
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Co-Chair	Gernot MARX	
Co-Chair	Mervyn MER	
Speaker	Stephen PASTORES	Pathophysiology of Multi-organ Failure
Speaker	Gernot MARX	Inter-organ Cross-talk between Brain and Lung
Speaker	Romer GEOCADIN	Neurologic Complications of Shock
Speaker	Mary CHOI	Lung-Kidney Injury Cross-talk

SY30	09:00-10:30	Organization of ICU	RM 08	E1+2
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Co-Chair	Khalid SHUKRI	
Co-Chair	Sang-Hyun KWAK	
Speaker	Satish BHAGWANJEE	Models for Critical Care Delivery
Speaker	Khalid SHUKRI	It's Time for Global ICU Accreditation!
Speaker	Jean-Louis VINCENT	Integrating Nurse Practitioners and Physician Assistants in the Multi-professional ICU Team
Speaker	John MARSHALL	Report of the Task Force of the WFSICCM: What Is an ICU

SY31	10:50-12:30	Maximizing ICU Resources	RM 08	E1+2
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Co-Chair	Jaeyoung KWON	
Co-Chair	Edgar CELIS-RODRIGUEZ	
Speaker	Edgar CELIS-RODRIGUEZ	ICUs with Better Outcomes: How Do You Do It?
Speaker	Charles GOMERSALL	Triage of Admissions to Intensive Care
Speaker	Antonio O. GALLESIO	Changing ICU Culture Towards a Safety Environment: Staff and Family Role
Speaker	Craig COOPERSMITH	The Keys to Successful Rounds

SY32	14:00-15:30	Ethics (2): End-of-Life Care (Panel Discussion)	RM 08	E1+2
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Co-Chair	Shivakumar IYER	
Co-Chair	Andrej MICHALSEN	
Presenter	Andrej MICHALSEN	Words Matter - on Euthanasia, Termination of Treatment, and Others
Presenter	Younsuck KOH	How Different We Are?
Presenter	Charles SPRUNG	Is Worldwide Consensus on End-of-life Care Attainable?
Presenter	John MYBURGH	Report of the Task Force of the WFSICCM: End-of-Life Care

SY33	15:50-17:30	Ethics (3): Surrogate Decisions and Advance Directives (Panel Discussion)	RM 08	E1+2
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Co-Chair	Charles SPRUNG	
Co-Chair	Philip LUMB	
Presenter	Philip LUMB	Paternalism: Patients, Physicians and Judges as Decision-Makers
Presenter	Cheng Cheng TAN	"Familism": Families as Decision-Makers
Presenter	Mitchell LEVY	Advance Directives: An Effective Tool in ICU?
Presenter	Andrej MICHALSEN	Weighting Advance Directives: Are Laws Helpful?

SY34	09:00-10:20	Emergency Neurological Life Support (ENLS)	RM 12	E6
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Co-Chair	Byungin LEE
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Co-Chair	Gene SUNG	
Speaker	J. Claude HEMPHILL	Intracerebral Hemorrhage
Speaker	Huimahn CHOI	Ischemic Stroke
Speaker	Byungin LEE	Non-Convulsive Seizures: Should It Be Aggressively Treated?

SY35 10:50-12:10 TI: Models of Neurocritical Care Delivery in Different Parts of the World RM 12 E6

Co-Chair	Pravin AMIN	
Co-Chair	Sang Hyung LEE	
Speaker	Tiffany CHANG	United States
Speaker	Pravin AMIN	India
Speaker	Moon-Ku HAN	Korea
Speaker	Tsuyoshi MAEKAWA	Japan
Speaker	Álvaro RÉA-NETO	Brazil

SY36 14:00-15:20 Neuro Critical Care of Neuro Trauma RM 12 E6

Co-Chair	J. Claude HEMPHILL	
Co-Chair	Kwang-Soo LEE	
Speaker	Álvaro RÉA-NETO	Systemic Complications of Neurological Injury
Speaker	Kiwon LEE	Hemodynamic and Neuro Monitoring for Patients with Neuro Trauma
Speaker	J. Claude HEMPHILL	Neuroprotection in Traumatic Brain Injury: Scientific Fact or Science Fiction

SY37 15:50-17:10 Management of Increased Intracranial Pressure RM 12 E6

Co-Chair	John MYBURGH	
Co-Chair	Ki-Uk KIM	
Speaker	Won-Sang CHO	Hyperosmotic Therapy: Mannitol or Hypertonic Saline?
Speaker	John MYBURGH	Management of Intracranial Hypertension in Traumatic Brain Injury
Speaker	Dong-Keun HYUN	Hypothermia for Malignant Increased Intracranial Pressure

NR07 09:00-10:20 Evidence Based Practice RM 02 GBR 101

Chair	Rhayun SONG	
Speaker	Kathleen VOLLMAN	Back to Basics: Creating Evidence Based Nursing Protocols to Improve Patient Outcomes
Speaker	Yongae CHO	Experiences of Fostering an EBP Culture
Speaker	Ihn Sook JEONG	Development of Evidence Based Nursing Guidelines

NR08	10:50-12:10	Research Up-to-date		RM 02	GBR 101
	Chair	Joohyun LEE			
	Speaker	Yeonsoo JANG	Advanced Nursing Research in the ICU		
	Speaker	Rhayun SONG	Valuing Nursing Research in Critical Care		
	Speaker	Paul FULBROOK	Publishing Strategies		
NR09	14:00-15:20	Education		RM 02	GBR 101
	Chair	Soo Kyung PARK			
	Speaker	Esther WONG	Developing Critical Care Programs		
	Speaker	Nam Ju LEE	Educational Program for ICU Nurses		
	Speaker	Eunyoung SUH	The Development of Technical and Non-Technical Simulation Contents in Nursing Education		
NR10	15:50-17:10	Healthy Work Environment		RM 02	GBR 101
	Chair	Eun-Hee CHOI			
	Speaker	Jiyeon KANG	Horizontal Violence in Korea ICU Nurses		
	Speaker	Sandra GOLDSWORTHY	Healthy Work Environments for Critical Care Nurses		
	Speaker	Jung Yeon KIM	Professional QOL in the ICU		
NR11	09:00-10:20	Palliative Care		RM 03	GBR 102
	Chair	Sanghee KIM			
	Speaker	Seunghee SON	Palliative Care in the PICU		
	Speaker	Eun-Hee CHOI	Application of Advanced Directives		
	Speaker	So-Hi KWON	Bereavement Care Program for Family Members		
NR12	10:50-12:10	Nonpharmacology Therapy		RM 03	GBR 102
	Chair	Miyoung SHIM			
	Speaker	Halima S KABARA	Touch as a Therapeutic Modality in the ICU		
	Speaker	Soo Kyung PARK	Nursing Care for Delirium Prevention		
	Speaker	Soo Ji KIM	Therapeutic Use of Music in the ICU		
NR13	14:00-15:20	Family Support		RM 03	GBR 102
	Chair	So-Hi KWON			
	Speaker	Marion MITCHELL	ICU Research with Families		
	Speaker	Eun Kyung JANG	Difficult Decision Making		

Speaker Adriano FRIGANOVIC Family Centered Care in the ICU

NR14 15:50-17:10 Infection RM 03 GBR 102

Chair Chin-Kang KOH

Speaker Gerald WILLIAMS Hospital Wide Reduction in Nosocomial Infection - A Practical Approach

Speaker Paul FULBROOK Pressure Injury Risk Assessment

Speaker Hye Ran CHOI Air Precaution in the ICU

PED04 09:00-10:40 Sepsis and Infection RM 11 E5

Co-Chair Dong Soo KIM

Co-Chair Nai Shun TSOI

Speaker Seongjong PARK Fluid and Vasoactive Agents: Current Choice and Reason

Speaker Niranjan "Tex" KISSOON Beyond Fluid and Vasoactive Agents

Speaker Swee Fong TANG Optimal Therapeutic Goal and Target

Speaker Eunhwa CHOI Antibiotics in Pediatric Intensive Care

PED05 10:50-12:10 Critical Care in Pediatric Surgery & Organ Transplantation RM 11 E5

Co-Chair Kyungmo KIM

Co-Chair Satoshi NAKAGAWA

Speaker Seung-Ki KIM Critical Care after Neurologic Surgery

Speaker Naoki SHIMIZU Surgical Approach to Upper Airway Narrowing

Speaker Seak Hee OH Issue after Liver Transplantation

PED06 14:00-15:20 Collaboration in Research in PCC RM 11 E5

Co-Chair Bettina VON DESSAUER

Co-Chair June Dong PARK

Speaker Jan Hau LEE Collaborative Research Net-Work in Asia – Feasibility and Barriers

Speaker Satoshi NAKAGAWA Bringing Evidence-Based Protocols to the Bedside: Barriers and Strategies for Implementation

Speaker Brad POSS Is Bigger Better? Does PICU Volume Impact Outcome

PED07 15:50-17:10 Acute Kidney Injury and Continuous Renal Replacement Therapy RM 11 E5

Co-Chair Brad POSS

Co-Chair Hae Il CHEONG

Speaker Nai Shun TSOI Fluid Management in Critically Ill Children

	Speaker	Heeyeon CHO	Prevention of Acute Kidney Injury		
	Speaker	Jae Il SHIN	Recent Advances in CRRT		
LS05	12:30-13:30	Practical Management of Invasive Fungal Infection in Critically Ill Patients		RM 02	GBR 101
	Speaker	George DIMOPOULOS	Practical Management of Invasive Fungal Infection in Critically Ill Patients		
LS06	12:30-13:30	I get by with a Little Help from my PCT in sepsis - from Early Diagnosis to Individualized Patient Management		RM 03	GBR 102
	Speaker	Molnar ZSOLT	I get by with a Little Help from my PCT in sepsis - from Early Diagnosis to Individualized Patient Management		
LS07	12:30-13:30	Factors Related to the Successful Implementation of Inter Hospital Tele-health for Critical Care		RM 04	GBR 103
	Speaker	Omar BADAWI	Factors Related to the Successful Implementation of Inter Hospital Tele-health for Critical Care		
LS08	12:30-13:30	Electric Impedance Tomography		RM 05	GBR 104+5
	Speaker	Toru KOTANI	Electric Impedance Tomography		
LS09	12:30-13:30	Optimizing the Patient's Brain Function after Critical Illness: ICU Management via the PAD Guidelines and Beyond		RM 01	Auditorium
	Chair	Kook Hyun LEE			
	Speaker	E. Wesley ELY	Optimizing the Patient's Brain Function after Critical Illness: ICU Management via the PAD Guidelines and Beyond		
WS03	09:00-12:00	Hemodynamic Monitoring - from Theory to Bedside Application		RM 06	203
	Instructor	Jean-Louis TEBOUL			
	Instructor	Frederic MICHARD			
	Instructor	Debbie BRODRICK			
WS04	14:00-17:00	Hemodynamic Monitoring - from Theory to Bedside Application		RM 06	203
	Instructor	Jean-Louis TEBOUL			
	Instructor	Frederic MICHARD			
	Instructor	Debbie BRODRICK			
WS05	09:00-12:00	High-flow Oxygen: Emerging Solution for Hypoxia		RM 07	208
	Instructor	Jinwon HUH			
	Instructor	Dong Hyun LEE			
	Instructor	So Young PARK			
	Instructor	So Hee PARK			
WS06	14:00-17:00	High-flow Oxygen: Emerging Solution for Hypoxia		RM 07	208
	Instructor	Sang-Bum HONG			

Instructor Jinwon HUH
 Instructor Dong Hyun LEE
 Instructor So Young PARK
 Instructor So Hee PARK

WS07 09:00-12:00 Ultrasound Hands on Program - Basic RM 14 AD2

Instructor Hanho DO
 Instructor Jinwoo LEE
 Instructor Chi-Ryang CHUNG
 Instructor Yeon-Joo LEE
 Instructor Kyung-Soo CHUNG

WS08 14:00-17:00 Ultrasound Hands on Program - Basic RM 14 AD2

Instructor Hanho DO
 Instructor Jinwoo LEE
 Instructor Chi-Ryang CHUNG
 Instructor Yeon-Joo LEE
 Instructor Kyung-Soo CHUNG

WS09 09:30-12:00 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment RM 10 E4

Instructor Jong Cheol JEONG
 Instructor Jason KNOX

WS10 14:00-16:30 The Prismaflex® CRRT System: A Practical Approach to Evidence, Prescribing and Treatment RM 10 E4

Instructor Jason KNOX

WS11 09:00-11:50 Connected Care Solution for Critical Care Surveillance Trend and Hospital Interoperability RM 13 AD1

Instructor Sangdo KIM
 Instructor Andrew SARGENT

WS12 14:00-17:00 Respiratory Care Suite - Non Invasive Ventilation RM 13 AD1

Instructor Francisco Javier BELDA

WS13 09:00-12:00 Airway Management Workshop RM 09 E3

Instructor Hinoshi OTAKE

Instructor Jeongmin KIM
 Instructor Sungwon NA
 Instructor Wookyung LEE

WS15 14:00-17:00 Ventilation: How to Effectively Adjust PEEP Using Transpulmonary Pressure Measurements RM 09 E3

Instructor Edgar JIMENEZ

August 31 (Mon)

PL04 08:00-08:50 Septic Acute Kidney Injury RM 01 Auditorium

Speaker Rinaldo BELLOMO

ME05 07:00-07:45 Indirect Calorimetry in the ICU RM 02 GBR 101

Speaker Pierre SINGER

ME06 07:00-07:45 Nursing care to reduce CLA-BSI and CA-UTI and VAP/HAP (WFCCN) RM 03 GBR 102

Speaker Kathleen VOLLMAN

ME07 07:00-07:45 Sepsis and Septic Shock (Early Recognition and Treatment, Therapeutic Goals and Basics Management) RM 11 E5

Speaker Niranjan "Tex" KISSOON

ME08 07:00-07:45 Early Mobilization RM 12 E6

Speaker Steve WEBB

ME09 07:00-07:45 Local Hemostatic Dressings for Bleeding Control RM 08 E1+2

Speaker Peter RHEE

SY38 09:00-10:20 Myths and Truths: How to Manage Patients with Abdominal Compartment Syndrome? RM 01 Auditorium

Co-Chair Byung Ho LEE

Co-Chair Mohammad OMAR FARUQ

Speaker Chi-Min PARK How to Achieve Abdominal Perfusion Pressure?

Speaker Mohammad Omar Faruq Rescue Mechanical Ventilatory Strategies

Speaker Peter RHEE Decompressive Laparotomy, When? How?

SY39 10:50-12:10 Tips and Pitfalls in the Open Abdomen RM 01 Auditorium

Co-Chair John MARSHALL

Co-Chair Tae-Ui LEE

Speaker	Jaehun KIM	Can We Prevent Infectious Complications in the Open Abdomen?
Speaker	Jae Gil LEE	Temporary Abdominal Wall Closure
Speaker	Jp (Joon Pio) HONG	Reconstruction of the Abdomen

SY40	14:00-15:20	Improving Practices in Sepsis	RM 01	Auditorium
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Co-Chair	Andrew RHODES	
Co-Chair	Chairat PERMPIKUL	
Speaker	Naoyuki MATSUDA	Performance Improvement in Diagnosis and Management of Severe Sepsis
Speaker	Andrew RHODES	The Surviving Sepsis Campaign: an Update in 2015
Speaker	Clifford S. DEUTSCHMAN	Sepsis - Definitions Reconsidered

SY41	15:50-17:10	Emerging Concepts in Sepsis	RM 01	Auditorium
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Co-Chair	Jean-Daniel CHICHE	
Co-Chair	Satoshi GANDO	
Speaker	Jean-Louis VINCENT	The Septic Patient: What Should We Monitor?
Speaker	Jean-Daniel CHICHE	Epigenetics in Sepsis
Speaker	Jean-Louis TEBOUL	What's New in Hemodynamic Management?

SY42	09:00-10:20	Basic Issue in ECMO (WFSICCM-WFCCN Joint Symposium)	RM 04	GBR 103
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Chair	Jeong Ryul LEE	
Speaker	Jun TERUYA (WFSICCM)	Coagulation and Anticoagulation during ECMO
Speaker	Jae Seung JUNG (WFSICCM)	ECMO Past, Present, Future
Speaker	Esther WONG (WFCCN)	ECMO Care: Promoting Best Care Practices

SY43	10:40-12:20	ECMO at CPR	RM 04	GBR 103
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Co-Chair	Chul Hyun PARK	
Co-Chair	Naoto MORIMURA	
Speaker	Naoto MORIMURA	ECPR in Japan
Speaker	Yang Hyun CHO	ECPR in Korea
Speaker	Thomas MÜLLER	ECPR in Germany
Speaker	Yih-Sharng CHEN	ECMO CPR; Future Form of CPR?

SY44	14:00-15:20	Future of ECMO I	RM 04	GBR 103
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Co-Chair	Thomas BEIN	
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Co-Chair	Masayuki SUZUKAWA	
Speaker	Thomas MÜLLER	ECMO for Septic Shock
Speaker	Thomas BEIN	ECMO for Trauma
Speaker	Sebastian UGARTE	Is ECMO an Alternative in Middle-Income Countries?

SY45	15:50-17:10	Future of ECMO II	RM 04	GBR 103
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Co-Chair	Jason PHUA	
Co-Chair	Thomas MÜLLER	
Speaker	Antonio PESENTI	Extracorporeal CO2 Removal; Techniques and Clinical Perspectives
Speaker	Moo Suk PARK	ECMO as a Bridge to Lung Transplantation
Speaker	Thomas MÜLLER	Mobile ECMO Team

SY46	09:00-10:20	How to Detect Early Critically Ill Patients?	RM 05	GBR 104+5
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Co-Chair	Lluís BLANCH	
Co-Chair	Rui MORENO	
Speaker	Rinaldo BELLOMO	Rapid Response System: the Impact of Delayed Activation
Speaker	Lluís BLANCH	Risk Reduction by Automated Alarming Systems
Speaker	Sang-Bum HONG	Computer Based Screening System in RRS

SY47	10:50-12:30	Rapid Response System (WFSICCM-WFCCN Joint Symposium)	RM 05	GBR 104+5
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Co-Chair	Gee Young SUH	
Co-Chair	Gerald WILLIAMS	
Speaker	Todd DORMAN (WFSICCM)	Critical Care Outreach: ICU without Walls
Speaker	Takamitsu KODAMA (WFSICCM)	Implementation of Rapid Response System
Speaker	Rinaldo BELLOMO (WFSICCM)	The Impact of Rapid Response Teams on Do Not Resuscitate Orders
Speaker	Gerald WILLIAMS (WFCCN)	Improving Performance of the Rapid Response Team

SY48	14:00-15:40	New Evidence for the New Era of CPR	RM 05	GBR 104+5
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Co-Chair	Gil Joon SUH	
Co-Chair	Paolo PELOSI	
Speaker	Paolo PELOSI	A Bundle for Treatment after Cardiac Arrest: Protective Ventilation, Temperature Control and Stable Hemodynamics
Speaker	Hyun KIM	The New Guidelines to Come: New Evidence and Its Implications in Advanced Cardiac Life Support (ACLS)

Speaker	Benjamin ABELLA	How to Improve the Quality of CPR
Speaker	Takashi TAGAMI	The Fifth Link in the 'Chain of Survival' Concept after Cardiac Arrest

SY49	15:50-17:10	Antibiotics Resistance in ICU	RM 05	GBR 104+5
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Co-Chair	Gavin JOYNT	
Co-Chair	Murat SUNGER	
Speaker	Gavin JOYNT	Individualized Antibiotic Dosing in ICU
Speaker	Arzu TOPELI	Multi Drug Resistant Microorganisms
Speaker	Fathima PARUK	Antibiotic Resistance - How Do We Manage It?

SY50	09:00-10:20	Ultrasonography in ICU	RM 08	E1+2
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Co-Chair	Jordi MANCEBO	
Co-Chair	Philip LUMB	
Speaker	Daniel LICHTENSTEIN	Lung Ultrasound
Speaker	Davide CHIUMELLO	Lung Ultrasound in ARDS
Speaker	Philip LUMB	Ultrasound in Anaesthesiology & Critical Care Medicine; Procedural and Diagnostic Application

SY51	10:40-12:20	New Techniques in Functional Lung Imaging	RM 08	E1+2
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Co-Chair	Davide CHIUMELLO	
Co-Chair	Oloan TAMPUBOLON	
Speaker	Davide CHIUMELLO	CT Scan in ARDS: Is It Really Necessary?
Speaker	Guido MUSCH	PET Imaging of Ventilator-Induced and Acute Lung Injury
Speaker	Marcos VIDAL MELO	Imaging Strain and Inflammation in Early Lung Injury and ARDS
Speaker	Toru KOTANI	Electronic Impedance Tomography: Principles and Clinical Application

SY52	14:00-15:40	How to Prevent Post-operative Complications?	RM 08	E1+2
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Co-Chair	Mervyn MER	
Co-Chair	Sang Sul JUNG	
Speaker	Kook Hyun LEE	Perioperative Respiratory Evaluation and Care
Speaker	Mervyn MER	VTE in the Critically Ill - Recent Reports, Practical Pearls and Memorable Moments
Speaker	Pravin AMIN	Cardiac Complications: Peri-Operative Beta-Blocker
Speaker	William HURFORD	Pulmonary Complications: Lung-Protective Ventilation for the Surgical Patients

SY53	15:50-16:50	All about Peri-operative Hemodynamic Management	RM 08	E1+2
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Co-Chair	Andrew RHODES	
Co-Chair	Ji-Young SUL	
Speaker	Andrew RHODES	Peri-Operative Goal-Directed Fluid Therapy
Speaker	Mihae YU	Transfusion Trigger in Perioperative Surgical Patients

SY54	09:00-10:20	Recent Issues: Sepsis	RM 09 E3
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Chair	Stephen PASTORES	
Speaker	Craig COOPERSMITH	Intestinal Integrity in Sepsis-Cellular and Molecular Mechanisms
Speaker	Clifford S. DEUTSCHMAN	The Role of the Central Nervous System in the Pathogenesis of Sepsis
Speaker	Daniel DE BACKER	Monitoring the Microcirculation to Guide Resuscitation

SY55	14:00-15:20	Pulmonary Embolism	RM 09 E3
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Co-Chair	Boonsong PATJANASOONTORN	
Co-Chair	Shirish PRAYAG	
Speaker	Anthony MCLEAN	Echocardiography in the Management of Severe Pulmonary Embolus
Speaker	Gee Young SUH	Choosing the Appropriate Anticoagulant for the Treatment of Venous Thromboembolism
Speaker	Boonsong PATJANASOONTORN	Management of Sub Massive and Massive Pulmonary Embolism: Evidence and Controversy

SY56	15:50-17:20	For Better ICU Performance	RM 09 E3
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Co-Chair	Joseph NATES	
Co-Chair	Shin Ok KOH	
Speaker	Abdel Razek ASSEM	Assessment of ICU Performance
Speaker	Joseph NATES	How to Measure "Futility"?
Speaker	Akos CSOMOS	Cost Containment and Patient Safety
Speaker	Pravin AMIN	Report of the Task Force of the WFSICCM: ICU Doctor

SY57	14:00-15:00	International Sepsis Forum Pro/Con Debates (1): Synthetic Colloids	RM 11 E5
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Chair	John MARSHALL	
Speaker	Jean-Louis VINCENT	Synthetic Colloids Still Have a Role in the ICU (Pro)
Speaker	Konrad REINHART	Synthetic Colloids Still Have a Role in the ICU (Con)

SY58	15:10-16:10	International Sepsis Forum Pro/Con Debates (2): Steroids	RM 11 E5
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Chair	Richard DELLINGER	
Speaker	John MARINI	Steroids Should Be Used to Treat Patients with Septic Shock (Pro)

	Speaker	Charles SPRUNG	Steroids Should Be Used to Treat Patients with Septic Shock (Con)		
SY59	16:20-17:20	International Sepsis Forum Pro/Con Debates (3): Guidelines		RM 11	E5
	Chair	Charles SPRUNG			
	Speaker	Richard DELLINGER	Guidelines Are the Future of Sepsis Management (Pro)		
	Speaker	John MARSHALL	Guidelines Are the Future of Sepsis Management (Con)		
SY60	09:00-10:20	Infectious Issues in ICU		RM 12	E6
	Co-Chair	Fathima PARUK			
	Co-Chair	Mercedes PALOMAR			
	Speaker	Mervyn MER	Demystifying the Diagnosis of Candida in the Critically Ill		
	Speaker	Mercedes PALOMAR	Ventilator Associated Respiratory Infections: Pneumonia vs Tracheobronchitis		
	Speaker	Masaji NISHIMURA	Prevention of Catheter-Related Blood Stream Infections		
SY61	10:40-12:20	Nasal High-flow Therapy across the Continuum of Care		RM 12	E6
	Co-Chair	Laurent BROCHARD			
	Co-Chair	Yalim DIKMEN			
	Speaker	Laurent BROCHARD	The Role of Nasal High-flow Therapy for Patients with Hypoxemic Respiratory Failure		
	Speaker	John FRASER	Nasal High-flow across the Continuum of Care - the Mechanisms of Action and Physiological Outcomes		
	Speaker	Ross FREEBAIRN	Clinical Applications of Nasal High-flow Therapy		
	Speaker	Troy BROWNE	Nasal High-flow Therapy as a Quality Improvement Strategy in a Provincial Combined ICU / HDU / CCU		
SY62	14:00-15:00	Critical Care in Spinal Cord Injury		RM 12	E6
	Chair	John MYBURGH			
	Speaker	Chun Kee CHUNG	Ventilatory Care and Weaning Strategy		
	Speaker	John MYBURGH	Fluid Resuscitation in Critically Ill Patients		
SY63	15:50-17:10	The Immunosuppressed ICU Patient		RM 12	E6
	Chair	Anthony MCLEAN			
	Speaker	Stephen PASTORES	Neutropenic Sepsis: Critical Issues and Treatment Challenges		
	Speaker	Anthony MCLEAN	Measuring Immune Suppression in Severe Sepsis		
	Speaker	Hiroyuki HIRASAWA	Blood Purification in Critical Care		
NR15	09:00-10:20	Ethics		RM 02	GBR 101
	Chair	Minju KIM			

Speaker	Gordon SPEED	ICU Patients' Rights: Critical Considerations
Speaker	Shelley SCHMOLLGRUBER	Moral Distress in the ICU
Speaker	Sanghee KIM	Nurses' Attitude for Death and Dying Patients

NR16	10:50-12:10	Critical Care Nursing Worldwide	RM 02	GBR 101
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Chair	Phill Ja KIM	
Speaker	Marion MITCHELL	Critical Care Nursing in Australia
Speaker	Phill Ja KIM	Critical Care Nursing in Korea
Speaker	Halima S KABARA	Support for the Nigerian Critical Care Nursing: The WFCCN Connection

NR17	14:00-15:20	Communication	RM 02	GBR 101
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Chair	Young Hee YI	
Speaker	Seong Suk KWAK	Communication Improvement Program
Speaker	Gordon SPEED	Purposeful Rounding in the ICU: Enhancing Communication
Speaker	Heesung PARK	A Strategy to Enhance the Transitional Care for Communication from the ICU

NR18	15:50-17:10	Staff Safety or Conflict Management	RM 02	GBR 101
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Chair	Shelley SCHMOLLGRUBER	
Speaker	Adriano FRIGANOVIC	ICU Staffing to Match Patient Care Needs
Speaker	Vedran DUMBOVIC	Conflict Management in the ICU
Speaker	Youngsun JUNG	Role of Employee Safety Manager

NR19	09:00-10:20	Patient Safety	RM 03	GBR 102
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Chair	Cheong-Suk YOO	
Speaker	Kyoungsoon YANG	Enhancing Quality and Safety of ICU Care
Speaker	Sek Ying CHAIR	International Patient Safety Goal
Speaker	Eunok KWON	Unplanned Extubation of ICU Patients with Mechanical Ventilation

NR20	10:50-12:10	Common Problems	RM 03	GBR 102
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Chair	Eunok KWON	
Speaker	Yun Jin LEE	Maintaining Skin Integrity in Critically Ill Patient
Speaker	Myeonghee SON	Keeping Critically Ill Patients Safe during Intrahospital Transport
Speaker	Hyang Sook KIM	Sedation and Analgesia in the Critically Ill

NR21	14:00-15:20	Patient Experience	RM 03	GBR 102
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Chair	Yongae CHO	
Speaker	Dongoak KIM	Patient & Family Experience: Education in the ICU
Speaker	Maria Isabelita ROGADO	Patient & Family Experience: Satisfaction in the ICU
Speaker	Sung Ean LEE	Patient & Family Experience: Isolation in the ICU (ICU Diary)

NR22	15:50-17:10	Great Work Place	RM 03	GBR 102
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Chair	Jiyeon KANG	
Speaker	Sejin JU	Management of Stress in the ICU
Speaker	Soonhaeng LEE	Refresh Program for Nurses
Speaker	Jina OH	Nursing in the Arts

PED08	09:00-10:20	Emergency Medicine and Transport	RM 11	E5
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Co-Chair	Jan Hau LEE	
Co-Chair	Jong-Seo YOON	
Speaker	Bettina VON DESSAUER	Resuscitation: from Prevention to Adequate Care
Speaker	Barry MARKOVITZ	Rapid Response Teams' Save Lives!
Speaker	Naoki SHIMIZU	Transport of the Critically Ill Children

PED09	10:40-12:20	Protocols and Checklists	RM 11	E5
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Co-Chair	Barry MARKOVITZ	
Co-Chair	Young YOO	
Speaker	Kyung Won KIM	Do Protocols and Checklists Improve PICU Outcomes?
Speaker	Joongbum CHO	VAP – Elimination: Can Bundles Make a Significant Difference?
Speaker	Bettina VON DESSAUER	Admission and Discharge of the PICU: Visible Criteria
Speaker	Swee Fong TANG	Outcome Evaluation – Quality of Life of PICU Survivors

SU01	12:30-13:40	Step-Up Session (1)	RM 02	GBR 101
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Co-Chair	Marion MITCHELL	
Co-Chair	Kyung Ja SONG	
Presenter	Juliet Ami KWADZODEH	Management of Intensive Care Units in Ghana
Presenter	Halima S KABARA	Current Status of Critical Care Medicine in Nigeria
Presenter	Obiageli Chinyere OGUARIRI	Nursing Experiences of Caring for Burn Patients with Sepsis in Critical Care Units in South West Zone, Nigeria (Case Study: Nohi, Lagos)

	Presenter	Universe Mulenga HIMOONGA	Current Status of Critical Care Nursing/Medicine in Zambia		
SU02	12:30-13:40	Step-Up Session (2)		RM 06	203
	Co-Chair	J. Christopher FARMER			
	Co-Chair	Younsuck KOH			
	Presenter	Akram Muhammad FAYED	Current Status of Critical Care Medicine Practice in Egypt		
	Presenter	Adeniyi Abiodun ADESIDA	Improvement In Intensive Care Unit Outcome At A Tertiary Institution: Causes and Effects		
	Presenter	Saurabh KOLE	Current Status of Critical Care Medicine in India		
	Presenter	Khamsay DETLEUXAY	Current Status of Critical Care Medicine in Laos		
	Presenter	Raihan RABBANI	Percutaneous Tracheostomy: a Convenient Low Cost Solution for Resource Poor Setting		
SU03	12:30-13:40	Step-Up Session (3)		RM 07	208
	Co-Chair	Daniel DE BACKER			
	Co-Chair	Sang-Hyun KWAK			
	Presenter	Akwasi ANTWI-KUSI	5 Year Experience of Critical Care Medicine in Ghana		
	Presenter	Uddin Nazim MIRZA	NIV(Non-Invasive Ventilation) in Respiratory Failure - Our Experience in Bangladesh		
	Presenter	Lundeg GANBOLD	The Relationship of Premature Mortality Rate and Accessibility, Quality of Critical Medicine in Mongolia		
	Presenter	Moe Thu LIN	Snake Bite (Cobra) Management in the ICU in Myanmar		
	Presenter	Sabrina DA RE GUTIERREZ	Critical Care in My Country: the Current Status and Future Issues		
	Presenter	Tri Wahyu MURMI	Critical Care without Walls of Indonesia		
SU04	12:30-13:40	Step-Up Session (4)		RM 08	E1+2
	Co-Chair	Yu-Chang Yeh			
	Co-Chair	Marc ZIEGENFUSS			
	Presenter	David Oyolo MISANGO	How We Manage Traumatic Head Injuries In Low Resource Settings – Rural Kenya (East Africa)		
	Presenter	Babu Raja SHRESTHA	Ultrasound vs Landmark Technique to Cannulate Internal Jugular Vein in ICU at Kathmandu Medical College Hospital- a Comparative Study		
	Presenter	Syed Tipu SULTAN	Evolution of Critical Care in Pakistan in the Last Three Decades		
	Presenter	Manuel Enrique BELLO	Limitations in Monitoring the Patient with Head Trauma in El Salvador		
	Presenter	Wondwossen Amogne DEGU	High Mortality from Blood Stream Infection in Addis Ababa, Ethiopia, Is due to Antimicrobial Resistance: an Observational Cohort Study		
SU05	12:30-13:40	Step-Up Session (5)		RM 11	E5
	Co-Chair	Janice ZIMMERMAN			

Co-Chair	Dong-Chan KIM	
Presenter	Rashmi KUMAR	Challenges and the Way Forward in the PICU
Presenter	Subhash Prasad ACHARYA	Critical Care Medicine in Low Resource Countries: Obstacles and Opportunities
Presenter	Saeeda HAIDER	Disease Load of Critical Care in Pakistan
Presenter	Chito Caimoy PERMEJO	ICU Protocols: The Philippine Heart Center Initiative
Presenter	Aklilu Azazh TUMEBO	Current Status Of Critical Care Medicine In Ethiopia

SU06	12:30-13:40	Step-Up Session (6)	RM 12	E6
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Co-Chair	Huey-Wen YIEN	
Co-Chair	Byung Ho LEE	
Presenter	Olanrewaju Nurudeen AKANMU	Current Status of Critical Care Medicine in My Country
Presenter	May Donato TAN	Current Status of Critical Care Medicine in Our Country/How to Manage the ICU in the Phils
Presenter	Dao Xuan CO	Experience in Treatment for Severe Acute Pancreatitis
Presenter	Becket ARGUELLO	Current Status of Non Invasive Mechanical Ventilation in Nicaragua
Presenter	Carlos Enrique ORELLANA-JIMENEZ	Critical Care in El Salvador: New Challenges

LS10	12:30-13:30	Non-Invasive Continuous Cardiac Output	RM 04	GBR 103
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Chair	Sang-Bum HONG	
Speaker	Ryoich OCHIAI	Non-Invasive Continuous Cardiac Output

LS11	12:30-13:30	Applied Metabolic Monitoring in the ICU	RM 03	GBR 102
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Speaker	Jean-Daniel CHICHE	Applied Metabolic Monitoring in the ICU
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OP10	09:00-10:20	Sepsis (1)	RM 06	203
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Co-Chair	Yoshihito UJIKE	
Co-Chair	Si Oh KIM	
Presenter	Duc Nam NGUYEN	HIGH CORTISOL LEVELS ARE ASSOCIATED WITH BRAIN DYSFUNCTION BUT LOW PROLACTIN CORTISOL RATIO LEVELS ARE ASSOCIATED WITH NOSOCOMIAL INFECTION IN SEVERE SEPSIS
Presenter	Tomohiro MURONOI	INCREASED IMMATURE PLATELET FRACTION PRIOR TO PLATELET COUNT DECLINE REFLECTS INCREASED PLATELET PRODUCTION AND COAGULOPATHY-RELATED PLATELET CONSUMPTION IN PATIENTS WITH SEPSIS.
Presenter	Afzal AZIM	THROMBOELASTOGRAPHY EVALUATION FOR HEMOSTATIC DYSFUNCTION IN SEVERE SEPSIS AND SEPTIC SHOCK: AN EXPERIENCE FROM TERTIARY CARE CENTRE IN NORTH INDIA
Presenter	Sang-Min LEE	AMOUNT OF VISCERAL ADIPOSE TISSUE IN COMPUTED TOMOGRAPHY IS DOSE-DEPENDENTLY ASSOCIATED WITH MORTALITY IN SEPSIS

Presenter	Jingyuan XU	A HIGH MEAN ARTERIAL PRESSURE TARGET IS ASSOCIATED WITH IMPROVED MICROCIRCULATION IN SEPTIC SHOCK PATIENTS WITH PREVIOUS HYPERTENSION: A PROSPECTIVE OPEN LABEL STUDY
Presenter	Konlawij TRONGTRAKUL	EFFECTS OF VITAMIN D DEFICINECY AND MORTALITY IN SEPTIC PATIENTS IN MEDICAL UNIT OF FACULTY OF MEDICINE VAJIRA HOSPITAL, NAVAMINDRADHIRAJ UNIVERSITY

OP11	10:50-12:10	Sepsis (2)	RM 06 203
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Co-Chair	Akira YAMASHINA	
Co-Chair	Gil Joon SUH	
Presenter	Lars Wiuff ANDERSEN	CYTOCHROME C LEVELS IN SEVERE SEPSIS AND SEPTIC SHOCK
Presenter	Passisd LAOVEERAVAT	FIBROBLAST GROWTH FACTOR 23, A NOVEL BIOMARKER TO DETECT SEVERE SEPSIS
Presenter	Elizabeth PAPATHANASSOGLU	DIAGNOSIS OF INFECTION UTILIZING ACCELLIX CD64
Presenter	Kenneth J GORELICK	IMPACT OF RENAL DYSFUNCTION ON PHARMACOKINETICS OF RECOMBINANT HUMAN THROMBOMODULIN
Presenter	Taehee PYEON	THE ROLES OF THE ACE INHIBITOR CAPTOPRIL ON INFLAMMATORY RESPONSE IN SEPTIC HUMAN NEUTROPHIL AND MORTALITY IN ENDOTOXEMIC MICE
Presenter	Bellal JOSEPH	THE PROTECTIVE EFFECT OF REMOTE ISCHEMIC CONDITIONING IN A SEPTIC MICE MODEL

OP12	14:00-15:20	Pulmonary	RM 06 203
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Co-Chair	Young Hyun LEE	
Co-Chair	Sungsu CHUNG	
Presenter	Yusuke CHIKATA	AMOUNT OF CONDENSATION IN THE LIMB OF HIGH-FLOW NASAL CANNULA THERAPY: A BENCH STUDY
Presenter	Sally ROBERTS	NASAL HIGH FLOW THERAPY AND DISPERSION OF NASAL AEROSOLS IN AN EXPERIMENTAL SETTING
Presenter	Troy BROWNE	RAISING THE STANDARD OF CARE FOR OXYGEN DELIVERY WITH NASAL HIGH FLOW IN HIGH ACUITY AREAS - A CONTROLLED STUDY
Presenter	Myoungkyu LEE	THE PROGNOSIS OF THE PATIENTS WHO TREATED WITH BETWEEN HIGH FLOW NASAL CANNULAE AND CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY IN SEVERE ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Presenter	Arzu TOPELI	Pulmonary Artery to Aorta Ratio is Correlated with Pulmonary Artery Pressure, but not with Mortality in Critically Ill COPD Patients
Presenter	Atsunori KITAOKA	TREATMENT WITH EXTRACORPOREAL MEMBRANE OXYGENATION AT TOKUSHIMA UNIVERSITY HOSPITAL

OP13	15:50-17:10	Sedation and Analgesia	RM 06 203
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Co-Chair	Vladimir CERNY	
Co-Chair	Jong Hun JUN	
Presenter	Shinichi NISHI	THE GUIDELINE TRANSPLANTATION FROM A COUNTRY TO ANOTHER COUNTRY - THOROUGH EDITING THE JAPANESE PAD (PAIN, AGITATION AND DELIRIUM) GUIDELINE -
Presenter	Marcin WASOWICZ	FLUORIDE LEVELS WITH LONG-TERM VOLATILE SEDATION WITHIN THE INTENSIVE CARE UNIT

Presenter	Mutsuo ONODERA	SEDATIVE USE AND DELIRIUM DURING NONINVASIVE POSITIVE PRESSURE VENTILATION: A PROSPECTIVE OBSERVATIONAL STUDY
Presenter	Alper YOSUNKAYA	THE RELATIONSHIP BETWEEN ANXIETY AND SLEEP DISTURBANCES IN RELATIVES OF PATIENTS WITH ACUTE PHYSIOLOGICAL STATUS CHANGES IN INTENSIVE CARE UNIT
Presenter	Jinyeong KO	THE EFFECT OF A PHARMACISTS INTERVENTION TO PROMOTE COMPLIANCE OF A SEDATION PROTOCOL IN A MEDICAL ICU
Presenter	Akira MIKAMI	OUTCOME OF DELIRIUM DURING INTENSIVE CARE UNIT STAY IN JAPAN

OP14	09:00-10:20	Neurology (1)	RM 07 208
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Co-Chair	Kwang-Soo LEE	
Co-Chair	Jorge HIDALGO	
Presenter	Do Sung YOO	CEREBRAL PERFUSION PRESSURE MANAGEMENT IN DECOMPRESSIVE CRANIECTOMY PATIENTS
Presenter	Do Sung YOO	CORRELATIONS BETWEEN THE ICP AND MIDLINE SHIFT IN ACUTE IICP PATIENTS.
Presenter	Jin Pyeong JEON	THE THRESHOLD OF OPTIC NERVE SHEATH DIAMETER BY OCULAR ULTRASONOGRAPHY FOR THE DETECTION OF INCREASED INTRACRANIAL PRESSURE IN KOREAN ADULT PATIENTS WITH BRAIN LESIONS
Presenter	Yi-Chun CHOU	OUTCOMES AFTER SPINAL CORD INJURY IN PATIENTS WITH PREVIOUS ANEMIA: A NATIONWIDE POPULATION-BASED STUDY
Presenter	Stephen HONEYBUL	HEALTHCARE WORKERS OPINION REGARDING OUTCOME FOLLOWING SURGICAL INTERVENTION FOR SEVERE TRAUMATIC BRAIN INJURY

OP15	10:50-12:10	Neurology (2)	RM 07 208
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Co-Chair	Byungin LEE	
Co-Chair	Kiwon LEE	
Presenter	Jeong-Am RYU	ISCHEMIC STROKE IN CRITICALLY ILL PATIENTS WITH MALIGNANCY
Presenter	Kyu Sun LEE	INTENSIVE MEDICAL THERAPY WITH THERAPEUTIC HYPOTHERMIA FOR MALIGNANT MIDDLE CEREBRAL ARTERY INFARCTION
Presenter	Duc Nam NGUYEN	HIGH POSITIVE FLUID BALANCE COULD BE HARMFUL FOR THE BRAIN IN SHOCK PATIENTS
Presenter	Sambit SAHU	UTILIZATION AND OUTCOME OF EARLY MOBILIZATION PROGRAM IN NEURO INTENSIVE CARE UNIT OF A DEVELOPING COUNTRY
Presenter	Saibu GEORGE	REINFORCING THE FACTS ON THE SOMATIC SURVIVAL OF BRAIN DEAD PATIENTS THROUGH AN OBSERVATIONAL STUDY AT QATAR

OP16	14:00-15:20	Safe and Effective PIC (1)	RM 07 208
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Co-Chair	Paolo BIBAN	
Co-Chair	Naoki SHIMIZU	
Presenter	Gamal Mohamed HASAN	EPIDEMIOLOGICAL, CLINICAL CHARACTERISTICS AND MORTALITY RISK IN CHILDREN WITH SCORPION ENVENOMATION IN QENA GOVERNORATE, UPPER EGYPT: RETROSPECTIVE DATA ANALYSIS
Presenter	Koji HOSOKAWA	ULTRASOUND IMAGING FOR PEDIATRIC CENTRAL VENOUS CATHETERIZATION; A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES AND RCTS

Presenter	Qalab ABBAS	HYPERTONIC SALINE USE IN CRITICALLY ILL CHILDREN IN EMERGENCY DEPARTMENT (ED)
Presenter	Mullai BAALAAJI	CLINICAL PROFILE AND OUTCOMES OF CHILDREN WITH MALIGNANCIES ADMITTED TO THE PEDIATRIC INTENSIVE CARE UNIT OF A RESOURCE-LIMITED SETTING
Presenter	Karthi NALLASAMY	CHANGING ETIOLOGY AND PREDICTORS OF OUTCOME IN CHILDREN WITH ACUTE CNS INFECTIONS: A PROSPECTIVE HOSPITAL-BASED STUDY
Presenter	Kenichiro HAYASHI	HIGHER CENTRAL VENOUS PRESSURE IS ASSOCIATED WITH DEVELOPMENT OF ACUTE KIDNEY INJURY IN SEPTIC PEDIATRIC PATIENTS

OP17	15:50-17:10	Safe and Effective PIC (2)	RM 07	208
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Co-Chair	Jong-Seo YOON	
Co-Chair	Yuxia ZHANG	
Presenter	Jan Hau LEE	AN INTERNATIONAL NATIONAL EMERGENCY AIRWAY REGISTRY FOR CHILDREN: COMPARISON OF TRACHEAL INTUBATION PRACTICES ACROSS INTERNATIONAL PICUS
Presenter	Hwa Jin CHO	THE RENAL EFFECT OF PROPHYLACTIC AMINOPHYLLINE THERAPY AFTER CARDIAC SURGERY IN INFANTS
Presenter	Hong Ju SHIN	RECENT CLINICAL OUTCOME IN CHILDREN WITH ACUTE FULMINANT MYOCARDITIS SUPPORTED BY MECHANICAL CIRCULATORY SUPPORT
Presenter	Naveed-Ur-Rehman SIDDIQUI	COMPARISON OF ENTERAL VERSUS INTRAVENOUS POTASSIUM SUPPLEMENTATION IN HYPOKALEMIA IN POST CARDIAC SURGERY PEDIATRIC CARDIAC INTENSIVE CARE PATIENTS PROSPECTIVE OPEN LABEL RANDOMIZED CONTROL TRIAL
Presenter	Deborah CROSS	RESCUE BRONCHOSCOPIC INTUBATION USING BENTSON EXTRA-FLOPPY GUIDEWIRE VIA LARYNGEAL MASK AND SELDINGER TECHNIQUE IN CRITICAL CARE SETTING
Presenter	Karthik Narayanan RAMASWAMY	EPINEPHRINE IS MORE LIKELY TO ACHIEVE THERAPEUTIC END-POINTS WITHIN FIRST HOUR THAN DOPAMINE IN FLUID-REFRACTORY PEDIATRIC SEPTIC SHOCK

WS16	09:00-17:00	Ultrasound Hands on Program - Advanced	RM 14	AD2
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Instructor	Young-Rock HA
Instructor	Seong-Beom OH
Instructor	Hanho DO
Instructor	Chan-Young KOH
Instructor	Sang-Ook HA
Instructor	Jin JEON

WS17	09:00-11:30	Non-Invasive Continuous Cardiac Output – esCCO	RM 10	E4
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Instructor	Suraphong LORSOMRADEE
Instructor	Eric DALNE

WS18	14:00-16:30	Non-Invasive Continuous Cardiac Output – esCCO	RM 10	E4
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Instructor Suraphong
LORSOMRADEE

Instructor Eric DALNE

WS19 09:30-11:45 Electric Impedance Tomography Workshop RM 13 AD1

Instructor Toru KOTANI

Instructor E. TESCHNER

WS20 14:00-16:15 Electric Impedance Tomography Workshop RM 13 AD1

Instructor Toru KOTANI

Instructor E. TESCHNER

Instructor E. TESCHNER

September 1 (Tue)

PL05 08:00-08:50 Mass Casualty in a Resource-Limited Country: How to Prepare Care Teams and How to Deliver Appropriate Management RM 01 Auditorium

Speaker Bin DU

ME10 07:00-07:45 Identification and Management of Sepsis RM 02 GBR 101

Speaker Mitchell LEVY

ME11 07:00-07:45 Bed-side Assessment of Hemodynamics RM 03 GBR 102

Speaker Jukka TAKALA

ME12 07:00-07:45 Meet the Editor RM 09 E3

Speaker Philip LUMB

ME13 07:00-07:45 Use of Antiepileptic Drugs in ICU RM 10 E4

Speaker Byungin LEE

ME14 07:00-07:45 Pressure Controlled Versus Volume Controlled Ventilation RM 08 E1+2

Speaker Laurent BROCHARD

ME15 07:00-07:45 Do Rapid Response Teams Make a Difference: the Evidence RM 11 E5

Speaker Rinaldo BELLOMO

SY64 09:00-10:20 What the Future Critical Care Would Look Like I RM 01 Auditorium

Co-Chair Akira YAMASHINA

Co-Chair Luciano GATTINONI

Speaker Jean-Louis TEBOUL The Future of Hemodynamic Monitoring

Speaker Guido MUSCH The Future of Imaging in Critical Care Medicine

Speaker John MARINI The Future of Mechanical Ventilation

SY65 10:50-12:30 What the Future Critical Care Would Look Like II (WFSICCM-WFCCN Joint Symposium) RM 01 Auditorium

Co-Chair J. Christopher FARMER

Co-Chair Sung Jin HONG

Speaker J. Christopher FARMER (WFSICCM) The Future of Intensivists

Speaker Edgar JIMENEZ (WFSICCM) How Does It Support Isolated Hospitals and ICUs

Speaker Ruth KLEINPELL (WFCCN) Improving Practice in the ICU

Speaker Luciano GATTINONI (WFSICCM) The Future of Extracorporeal Gas Exchange

SY66 09:00-10:00 Hypothermia and Critical Care I RM 02 GBR 101

Co-Chair Gabteug KIM

Speaker Tiffany CHANG Brain Protection after Cardiac Arrest

Speaker Gene SUNG Hypothermia in Acute Ischemic Stroke

SY67 10:50-11:50 Hypothermia and Critical Care II RM 02 GBR 101

Co-Chair Huimahn CHOI

Co-Chair Kang Hyun LEE

Speaker Huimahn CHOI Hypothermia and IICP

Speaker Tsuyoshi MAEKAWA Hypothermia in Traumatic Brain Injury and Post Cardiac Arrest Patients - Two Multicenter Clinical Trials in Japan

SY68 09:00-10:40 Tropical Disease & ICU I RM 03 GBR 102

Co-Chair Jorge HIDALGO

Co-Chair Juan SILESKY JIMENEZ

Speaker Shivakumar IYER Managing Scrub Typhus in ICU

Speaker Jorge HIDALGO Emerging and Re-emerging Viral Tropical Diseases

Speaker Pravin AMIN Malaria in the Critically Ill

Speaker Bambang WAHJUPRAJITNO Management Convulsive Spasms of Tetanus

SY69 10:50-12:10 Tropical Disease & ICU II RM 03 GBR 102

Co-Chair Bambang WAHJUPRAJITNO

Co-Chair Jorge SINCLAIR

Speaker	Juan SILESKY JIMENEZ	Leptospirosis
Speaker	Jorge SINCLAIR	Hantavirus
Speaker	Shirish PRAYAG	Severe Dengue Infections in ICU

SY70 09:00-10:40 WHO and WFSICCM (1): Ebola (WFSICCM-WFCCN-WHO Joint Symposium) RM 04 GBR 103

Co-Chair	Satish BHAGWANJEE	
Co-Chair	Nahoko SHINDO (WHO)	
Speaker	Guy RICHARDS (WFSICCM)	Clinical Presentation and Diagnostic Tools - Could I Diagnose Ebola
Speaker	Halima S KABARA	Infection Control - What Are the Risks, What Works
Speaker	Satish BHAGWANJEE (WFSICCM)	Research Preparedness for Pandemics and Epidemics
Speaker	Nahoko SHINDO (WHO)	Ebola: Challenges and Lessons Learned

SY71 09:00-10:40 Renal: Common Critical Care Problems in ICU RM 10 E4

Co-Chair	Georges OFFENSTADT	
Co-Chair	Sebastian UGARTE	
Speaker	Janice ZIMMERMAN	Metabolic Acidosis in the Critically Ill
Speaker	Venugopal REDDY	Renal Failure in Sepsis/Septic Shock
Speaker	Bin DU	Diagnostic Criteria of an Acute Kidney Injury
Speaker	Georges OFFENSTADT	Dysnatremia in ICU

SY72 09:00-10:20 Research RM 05 GBR 104+5

Co-Chair	John MARSHALL	
Co-Chair	Jun TERUYA	
Speaker	Yumiko IMAI	Dynamic Nuclear Interactions between Influenza Virus and Its Host
Speaker	John MARSHALL	Global Collaboration in Critical Care Research
Speaker	Jean-Louis VINCENT	What We Learned from RCTs in Critical Care Medicine

SY74 09:00-10:20 How ICUs Look Different between Countries? RM 08 E1+2

Co-Chair	Jigeeshu DIVATIA	
Co-Chair	Oloan TAMPUBOLON	
Speaker	Dean GOPALAN	Critical Care in South Africa
Speaker	Oloan TAMPUBOLON	Manpower and the Economy in ICU, and the Indonesian Perspective
Speaker	Chairat PERMPIKUL	ICU Quality Improvement Strategies in Thailand

SY75	10:50-12:10	Significance of ICU Scores in Specific Countries	RM 08	E1+2
	Co-Chair	Jason PHUA		
	Co-Chair	Nahit CAKAR		
	Speaker	Jason PHUA	Severe Sepsis in Asia - Can We Do Better?	
	Speaker	Mohammad Omar Faruq	Validation of APACHE II and SAPS II in Bangladesh	
	Speaker	Gee Young SUH	Validation and Customization of SAPS 3 Score in Korean ICU Patients	
SY76	09:00-10:20	Management of Difficult ICU Infection	RM 09	E3
	Co-Chair	Massimo ANTONELLI		
	Co-Chair	Satoru HASHIMOTO		
	Speaker	Haibo QIU	MDR Bacteria in ICU: from ICU or Floor	
	Speaker	Massimo ANTONELLI	Aerazolized Antibiotics	
	Speaker	George DIMOPOULOS	The Management of Biofilm Formation in Invasive Fungal Infections	
SY77	09:00-10:30	Ethics (4): Triage (Panel Discussion)	RM 11	E5
	Co-Chair	Fathima PARUK		
	Co-Chair	Gavin JOYNT		
	Presenter	Charles SPRUNG	"First Come, First Serve?"	
	Presenter	Andrej MICHALSEN	Rule of Rescue or Greatest Good for All	
	Presenter	Gavin JOYNT	Prognostication	
	Presenter	Lluís BLANCH	Report of the Task Force of the WFSICCM: Triage	
SY78	10:50-12:30	Ethics (5): Organ Donation (Panel Discussion)	RM 11	E5
	Co-Chair	Jongwon HA		
	Co-Chair	Jorge HIDALGO		
	Presenter	Byungin LEE	Brain Death: Death or Not	
	Presenter	Jongwon HA	Donation after Circulatory Death	
	Presenter	Philip LUMB	Controlled Withdrawal of Life Support in a Donor Candidate: Ethically Acceptable?	
	Presenter	Jorge HIDALGO	Appropriate Recipient with One Single Organ Failure under Intensive Care	
SY79	09:00-10:20	How to Feed in Critically Ill Patients?	RM 12	E6
	Co-Chair	Jeong HONG		
	Co-Chair	Pierre SINGER		

Speaker	Pravin AMIN	Is Total Parenteral Nutrition “Poisonous”?
Speaker	Michael O'LEARY	How Early Is ‘Early’ in Enteral Nutrition?
Speaker	Pierre SINGER	Is Hypocaloric Feeding Beneficial?

SY80	10:50-12:10	Protocol-Based Nutrition Therapy in ICU	RM 12	E6
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Co-Chair	Abdel Razek ASSEM	
Co-Chair	Masaji NISHIMURA	
Speaker	Hyun Wook BAIK	Why Protocol?
Speaker	Masaji NISHIMURA	Enteral Feeding Protocol
Speaker	Pierre SINGER	Glucose Control Protocol

SY81	10:50-12:30	WHO and WFSICCM (2): MERS	RM 04	GBR 103
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Co-Chair	Claudio MARTIN	
Co-Chair	Nahoko SHINDO (WHO)	
Speaker	Gee Young SUH	How We took on MERS: SMC ICU Experience
Speaker	Sang-Ho CHOI	MERS-CoV Outbreak in Korea: an Infectious Disease Specialist’s Perspective
Speaker	Jean-Louis VINCENT	Are We Ready for the Next Pandemic?
Speaker	Nahoko SHINDO (WHO)	Collaboration for Future Pandemics

SU07	10:50-12:00	Step-Up Session (7)	RM 06	203
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Co-Chair	Charles GOMERSALL	
Co-Chair	Cheung Soo SHIN	
Presenter	Mpoki M. ULISUBISYA	Critical Care in Tanzania
Presenter	Carmel Shirani HAPUARACHCHI	Intensive Care Management of Subarachnoid Haemorrhage
Presenter	Nguyen Gia BINH	How to Manage an ICU in a Country with Fewer Medical Resources: Experience from Vietnam
Presenter	Luis Manuel PADILLA	Situational Analysis of Critical Care in León, Nicaragua
Presenter	Norman Nathan LUFESI	Critical Care For Children: What Can Be Achieved In Low Resource Settings

SU08	10:50-12:00	Step-Up Session (8)	RM 07	208
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Co-Chair	Necmettin UNAL	
Co-Chair	Jong Hun JUN	
Presenter	Arthur KWIZERA	Survey of Resources to Manage Sepsis in a Low Income Country according to the SSC Guidelines
Presenter	A.S.M Areef AHSAN	Current Status of Critical Care Medicine in Bangladesh

Presenter	Sheila Nainan MYATRA	Current Practices of Mobilization, Analgesia, Relaxants and Sedation in Indian ICUs
Presenter	Traychit CHANTHASIRI	Management Surgical ICU in Mahosot Hospital
Presenter	Khorn Phea ROUM	Caring for ICU Patients in a Resource Limited Environment
Presenter	Enry MELGAR	Morbidity and Mortality In the Unit of Intensive Care In Hospital Mario Catarino Rivas of San Pedro Sula, Honduras January 2014- January 2015

SU09	10:50-12:00	Step-Up Session (9)	RM 09 E3
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Co-Chair	Konrad REINHART	
Co-Chair	Young Hyun LEE	
Presenter	Zonia Margarita GUZMAN	Evolution of Mechanical Ventilation in Guatemala
Presenter	Ike Sri Redjeki SUBARTINI	Critical Care Service in Countries with Limited Resources: Strategies to Improve Outcomes
Presenter	Ramesh VENKATARAMAN	Epidemiology of the ICU - Acquired Infections in India
Presenter	Ma.Louisa Uson PERALTA	State of the Pediatric ICU in the Philippines
Presenter	Dawit Amare ABRHA	Case Presentation on Severe and Complicated Malaria (with Ards) in a Pregnant Lady

SU10	10:50-12:00	Step-Up Session (10)	RM 10 E4
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Co-Chair	Rinaldo BELLOMO	
Co-Chair	Si Oh KIM	
Presenter	Akram Abdelbary AHMED	Introducing ECMO to Egypt
Presenter	Giang Thuc ANH	The Initial Effect of Applying the Extracorporeal Membrane Oxygenation(ECMO) for Cardiogenic Shock due to Acute Myocarditis
Presenter	Rohan DISSANAYAKE	Challenges in Developing Critical Care Medicine in Sri Lanka
Presenter	Atul Prabhakar KULKARNI	Challenges to Critical Care in India
Presenter	Flora Patricia FLOWERS	Pediatric Chikungunya Fever in Honduras: Clinical Findings and Complications
Presenter	Somaly SAY	ICU in Hebron Hospital in Cambodia