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Euro Asia

**Smart Emergency and Critical Care
SSC 2020**

Sep. 12-13, 2020

NTUH International Convention Center

Program

Program

(Sat.) 12th Sep., 2020

Taiwan Time	Rm. Euro	Rm. Asia	Rm. Taipei
09:00-10:30	World Session 1 International Database and Data Science	Master Class 1 Sepsis	
10:30-11:00	Break		
11:00-12:30	World Session 2 Smart Critical Care	Master Class 2 Sepsis	
12:40-13:40	Lunch symposium	Lunch symposium	Lunch symposium
13:40-14:00	ESICM Welcome Remarks	Break	
14:00-14:50	Opening, Rm. Euro		
14:50-16:30	State of the Art 1 COVID-19 in Europe and Asia	EA Session 1 Sepsis	EA Session 2 Bleeding and Trauma
16:30-17:00	ESICM, TSCCM, TSECCM Welcome Remarks	Break	
17:00-18:30	EA Oral presentation 1	EA oral presentation 2	EA oral presentation 3

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Taiwan Time	Rm. Euro	Rm. Asia	Rm. Taipei
09:00-10:15	TT/EA2020 Plenary lecture I World Sepsis Day		
10:15-10:45	Break		
10:45-12:05	TT/EA2020 Plenary lecture II World Sepsis Day		
12:05-13:00	Lunch symposium	Lunch symposium	Lunch symposium
14:00-15:30	State of the Art 2 Monitoring in the 2020's	EA Session 3 Patients Who Belong in the ICU?	EA Session 4 Immune Dysfunction and Nutrition in the ICU
15:30-16:00	Break		
16:00-17:30	State of the Art 3 Assessment of Haemodynamics	EA Session 5 Creating a Safe ICU Environment	EA Session 6 Anything New in the ICU?
17:40-18:00	Closing, Rm. Euro		

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World Session 1 International Database and Data Science
Chairs: Chong-Jen Yu, Chien-Chang LEE

- 0900-0925 **How to Run an ICU - Insights From the Anzics Core Registry.**
David Pilcher
- 0925-0945 **Applications and Advance in MIMIC Databases**
Leo Anthony Celi
- 0945-1005 **A Roadmap for Data Science: Barriers and Opportunities**
Satoru Hashimoto
- 1005-1025 **Taiwan CORE**
Tony, Yu-Chang Yeh
- 1030-1100 Break

World Session 2 Smart Critical Care
Chairs: Feipei Lai, Tony, Yu-Chang Yeh

- 1100-1125 **AI in Critical Care Medicine: View From the Editor's Desk**
Timothy G. Buchman
- 1125-1150 **Database for life style and environment**
Fei-Pei Lai
- 1150-1210 **Perspectives of Smart Critical Care after COVID-19 Pandemic**
Ray-Jade Chen
- 1210-1230 **From Data to Model: Perspectives From a Clinical Data Scientist**
Kuan-Fu Chen

ESICM Welcome Remarks
Jozef Kesecioglu

1400-1450 Opening, Rm.Euro

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State of the Art 1 COVID-19 in Europe and Asia
Chairs: Jozef Kesecioglu, Juey-Jen Hwang

1450-1520 **COVID-19 in Europe - Lessons Taken**

Armand R. J. Girbes

1520-1545 **Acute Renal Failure in COVID-19**

Elie Azoulay

1545-1605 **Medical Resource Allocation Under Pandemic COVID-19; Asian Perspective**

Younsuck Koh

1605-1625 **DIC in COVID 19**

Akahoshi Tomohiko

1630-1700 ***ESICM, TSCCM, TSECCM Welcome Remarks***
Maurizio Cecconi, Juey-Jen Hwang, Wai-Mau Choi

1700-1830 ***EA Oral presentation 1***
Chairs: Nicole Juffermans, Kuang-Yao Yang

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Master Class Sepsis I
Chairs: Hou-Tai Chang, Kuo-Chin Kao

- 0900-0910 **Session Introduction**
Moderators
- 0910-0940 **Sepsis: Definitions, Epidemiology, and Outcomes**
Greg Martin
- 0940-1010 **Similarities and Differences in Mechanism, Circumstances, and Patient base between the Three Major Types of Pathogenic Sepsis**
Phillip Dellinger
- 1010-1040 **Emerging Threat and Mechanism of CRE-related Sepsis**
Yi-Tsung Lin
- 1040-1100 Break

Master Class Sepsis II
Chairs: Hou-Tai Chang

- 1100-1130 **Optimal Anti-microbial Treatment Strategy on Sepsis Management after Coronavirus Infection**
Chun-Hsing Liao
- 1130-1200 **Limitation of Current Available Antibiotics in Bacterial Sepsis Management**
Shio-Shin Jean
- 1200-1230 **The role of ESICM and other scientific societies in sepsis**
ESICM president or president-elect

1400-1450

Opening, Rm.Euro

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EA Session 1 Sepsis

Chairs: Daniel De Backer, Wai-Mau Choi

1450-1520

From Best Fluid to Best Vasopressor

Daniel De Backer

1520-1550

Understanding Lactatemia in Sepsis

Luciano Gattinoni

1550-1610

Advance in Blood Purification for Septic Shock

Hoi-Ping Shum

1610-1630

Critical Care Management of Severe Dengue

Gentle Sunder Shrestha

1630-1700

Break

1700-1830

EA Oral presentation 2

Chairs: Julia Wendon, Tony, Yu Chang Yeh

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EA Session 2 Bleeding and Trauma

Chairs: Nicole Juffermans, Wei-Tien Chang

1450-1520 **The Use of Visco-Elastic Tests in Major Bleeding**

Nicole Juffermans

1520-1550 **Liver Trauma**

Julia Wendon

1550-1610 **Blood Transfusion Trigger in ICU**

Sung-Jin Hong

1610-1630 **Resuscitation in Massive Haemorrhage**

Dorji Harnod

1630-1700 Break

1700-1830 ***EA Oral presentation 3***
Chairs: Thomas Scheeren, Chau-Chyun Sheu

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TT/EA2020 Plenary lecture 1 World Sepsis Day

Chairs: Juey-Jen Hwang, Wai-Mau Choi

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|-----------|--|
| 0900-0910 | Presidents' Talk
President Huang and Tsai |
| 0910-0915 | Taiwan Critical Care
MOHW representative |
| 0915-0920 | Greeting from SCCM
Greg Martin |
| 0920-0925 | Greeting from Taiwan
Government representative(NCHC/TWCC) |
| 0925-0935 | World Sepsis Day GSA/APSA
Simon Finfer |
| 0935-0955 | 50 Years of Sepsis Diagnosis and Management: The Long and Winding Road
Phillip Dellinger |
| 0955-1015 | Acute Kidney Injury in Patients with Sepsis (Septic AKI)
Rinaldo Bellomo |
| 1015-1045 | Break |

TT/EA2020 Plenary lecture 2 World Sepsis Day

Chairs: Shih-Chi Ku, Wen-Jinn Liaw

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| 1045-1105 | Unlocking COVID Critical Illness:
Phillip Dellinger |
| 1105-1120 | Taiwan COVID-19 Experience
Kuang-Yao Yang |
| 1120-1135 | COVID-19 Experience in Malaysia
Shanti Rudra Deva |
| 1135-1150 | Severe COVID-19 and the Temptation to Do More
Jason Phua |
| 1150-1205 | COVID-19 and neurologic dysfunction
Sui-Sum Kung |

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State of the Art 2 Monitoring in the 2020's
Chairs: Thomas Scheeren, Ming-Cheng Chan

1400-1405

Session Introduction

Moderators

1405-1425

Are We Ready for Non-Invasive Haemodynamic Monitoring?

Thomas W. L. Scheeren

1425-1445

Use of EMR for Electronic Alerts

Kirsten Colpaert

1445-1505

Respiratory Monitoring

Ming-Cheng Chan

1505-1525

Information Technologies

Kenny King-Chung Chan

1530-1600

Break

State of the Art 3 Assessment of Haemodynamics
Chairs: Thomas Scheeren, Tony, Yu-Chang Yeh

1600-1605

Session Introduction

Moderators

1605-1625

Fluid Challenge: How Long Is It Effective?

Daniel De Backer

1625-1645

The Hypotension Prediction Index - a New Tool

Thomas W. L. Scheeren

1645-1705

Roles of Ultrasonography in Shock Patients

Wei-Tien Chang

1705-1725

Dyspnea & Hemodynamic Compromise in the ICU Patient - What Insights Can Echo Offer?

Yew-Woon Chia

1740-1800

Closing, Rm. Euro

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EA Session 3 Patients Who Belong in the ICU?

Chairs: Armand R. J. Girbes, Chien-Hua Huang

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|-----------|--|
| 1400-1405 | Session Introduction
Moderators |
| 1405-1425 | (In)Consistency in Triage Patients for the ICU
Jozef Kesecioglu |
| 1425-1445 | Caring for the Frail Patient
Maurizio Cecconi |
| 1445-1505 | Muscle Atrophy in ICU Patients
Masaji Nishimura |
| 1505-1525 | Handing Over the Patient From ER to the ICU: Risky?
Yi-Ling Chan |
| 1530-1600 | Break |

EA Session 5 Creating a Safe ICU Environment

Chairs: Kirsten Colpaert, Wei-Chun Huang

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|-----------|--|
| 1600-1605 | Session Introduction
Moderators |
| 1605-1625 | ICU Organization
Jozef Kesecioglu |
| 1625-1645 | Night Shifts Are Dangerous
Kirsten Colpaert |
| 1645-1705 | Rapid Response Teams and Critical Care Outreach services
Daryl Jones |
| 1705-1725 | How to deal with absenteeism - in nurses & physicians
Wei-Chun Huang |

1740-1800

Closing, Rm.Euro

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EA Session 4 Immune Dysfunction and Nutrition in the ICU
Chairs: Elie Azoulay, Dorji Harnod

1400-1405	Session Introduction Moderators
1405-1425	Acute Respiratory Failure in Immunocompromised Patients Elie Azoulay
1425-1445	Immune Dysfunction and Liver Failure Julia Wendon
1445-1505	Immunomodulating Blood Purification in Critical Care Osamu Nishida
1505-1525	Nutrition in Critically Ill Patients Subhal Dixit
1530-1600	Break

EA Session 6 Anything New in the ICU?
Chairs: Maurizio Cecconi, Fang Ming Hung

1600-1605	Session Introduction Moderators
1605-1625	Strong Ion Difference: Any Advantage? Luciano Gattinoni
1625-1645	Fever Control in Sepsis Nicole Juffermans
1645-1705	Advanced Heart Failure Team Care: Drug , Device and Heart Juey-Jen Hwang
1705-1725	Latest Trials on ECMO Yih-Sharng Chen

1740-1800

Closing, Rm.Euro