

## 8\_Critical Care

May 18, 2018 (Friday)

10:30-12:00

1

### Advances in Acute Coronary Syndrome (ACS) Management

Chair 1: TBD

Chair 2: TBD

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|----|------------------|--|
| 20 | <b>Speaker 1</b> | Current Status of IABP vs. PCPS in ACS Intervention<br><b>Joo-Yong Hahn (Korea)</b>                    |
| 20 | <b>Speaker 2</b> | Application of CT/MR Imaging in ACS<br><b>Gim-Hooi Choo (Malaysia)</b>                                 |
| 20 | <b>Speaker 3</b> | ACS Networking: Taiwan Experience<br><b>Wei-Chun Huang (Taiwan)</b>                                    |
| 20 | <b>Speaker 4</b> | Roles of High Sensitivity Troponin in Early Triage and Management in ACS<br><b>Kenji Inoue (Japan)</b> |

13:30-15:00

2

### CCU Issue Beside the Heart

Chair 1: TBD

Chair 2: TBD

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|----|----------------|--|
| 20 | <b>Topic 1</b> | Pain Control for Patients in CCU<br><b>Yih-Sharng Chen (Taiwan)</b>                  |
| 20 | <b>Topic 2</b> | Ventilator-associated Events in CCU<br><b>Kuang-Yao Yang (Taiwan)</b>                |
| 20 | <b>Topic 3</b> | Devastating Infections after Cardiovascular Surgery<br><b>Kuo-Sheng Liu (Taiwan)</b> |
| 20 | <b>Topic 4</b> | Early Rehabilitation in CCU<br><b>Ssu-Yuan Chen (Taiwan)</b>                         |

15:30-17:00

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### Future Impacts in Modern ICU

Chair 1: TBD

Chair 2: TBD

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|----|----------------|---|
| 20 | <b>Topic 1</b> | Road Map To ICU Excellence<br><b>Ross Freebairn (New Zealand)</b>                             |
| 20 | <b>Topic 2</b> | Intelligent Mechanical Ventilators in Critical Care<br><b>Chin-Pyng Wu (Taiwan)</b>           |
| 20 | <b>Topic 3</b> | New Strategy to MDRO (Multi-drug Resistant Organisms) in ICU<br><b>Jann-Tay Wang (Taiwan)</b> |
| 20 | <b>Topic 4</b> | Intelligent E-ICU with Family Centered Care<br><b>Huey-Wen Yien (Taiwan)</b>                  |

**May 19, 2018 (Saturday)**

**08:30-10:00**

**4**

**Therapeutic Hypothermia and Targeted Temperature Management (TTM)**

**Chair 1:** TBD

**Chair 2:** TBD

- 30      **Topic 1**      Review of the 2015 Guidelines, What We Got Right, What We Got Wrong?  
**Kees H. Polderman (The Netherlands)**
- 20      **Topic 2**      TTM: Optimal Cooling Methods  
**Mayuki Aibiki (Japan)**
- 20      **Topic 3**      TTM: Experience in Taiwan  
**Cheng-Hsueh Wu (Taiwan)**
- 20      **Topic 4**      Unmet Needs in Target Temperature Management  
**Wei-Tien Chang (Taiwan)**

**10:30-12:00**

**5**

**Critical Mechanical Support**

**Chair 1:** TBD

**Chair 2:** TBD

- 20      **Topic 1**      Ventilation in ECMO  
**Kenneth Palmer (Belgium)**
- 20      **Topic 2**      Mechanical Hemodynamic Support in High Risk PCI  
**Christian M. Spaulding (France)**
- 20      **Topic 3**      ECPR for Sudden Cardiac Death  
**Tetsuya Sakamoto (Japan)**
- 20      **Topic 4**      ECMO - Complication, Pitfall and Resolution  
**Nai-Kuan Chou (Taiwan)**

**13:30-15:00**

**6**

**How to Manage Cardiac Arrest**

**Chair 1:** TBD

**Chair 2:** TBD

- 20      **Speaker 1**      Community Efforts to Resuscitate Cardiac Arrest  
**Matthew Huei-Ming Ma (Taiwan)**
- 20      **Speaker 2**      Public Access Defibrillation: Asian Impact  
**Tetsuya Sakamoto (Japan)**
- 20      **Speaker 3**      Useful Markers for Predicting Survival and Neurological Outcome after Cardiac Arrest  
**Kees H. Polderman (The Netherlands)**
- 20      **Speaker 4**      Is PCI Mandated for All Patients Resuscitated from Cardiac Arrest?  
**Christian M. Spaulding (France)**

15:30-17:00

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**Medical Informatics Advances in Critical Care Medicine**

**Chair 1:** TBD

**Chair 2:** TBD

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|----|------------------|---|
| 20 | <b>Topic 1</b>   | Medical Informatics and Intensive Care: Past, Now, and Future<br><b>Ross Freebairn (New Zealand)</b>          |
| 20 | <b>Topic 2</b>   | Impact of Circadian Rhythm and Dysrhythmia-from Basic Mechanism to Intensive Care Unit<br><b>Kun Hu (USA)</b> |
| 20 | <b>Topic 3</b>   | Applications of Wearable/Portable Devices for Personalized Critical Care<br><b>Men-Tzung Lo (Taiwan)</b>      |
| 20 | <b>Speaker 4</b> | Dynamic Physiologic Signatures as Potential Biomarkers in Critical Care Patients<br><b>Chen Lin (Taiwan)</b>  |

**May 20, 2018 (Sunday)**

08:30-10:00

8

**Critical Care in Pediatric Cardiac Patients**

**Chair 1:** TBD

**Chair 2:** TBD

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|----|------------------|---|
| 15 | <b>Speaker 1</b> | VAD<br><b>Yves d'Udekem (Australia)</b>                 |
| 15 | <b>Speaker 2</b> | ECMO<br><b>En-Ting Wu (Taiwan)</b>                      |
| 10 |                  | Discussion  |
|    |                  | <b>Debate: PDA in 1-2 kg Neonates</b>                   |
| 15 | <b>Speaker 3</b> | Transcatheter Closure<br><b>Jieh-Neng Wang (Taiwan)</b> |
| 15 | <b>Speaker 4</b> | Surgical Ligation<br><b>Shu-Chien Huang (Taiwan)</b>    |
|    |                  | Rebuttal  |
| 3  |                  | Surgical Ligation                                       |
| 3  |                  | Transcatheter Closure                                   |
| 10 |                  | Vote and Discussion                                     |
| 4  |                  | Closing Remark  |