

5TH ANNUAL ASIA PACIFIC CONFERENCE ON EARLY MOBILIZATION AND REHABILITATION IN THE ICU

A Multi-disciplinary Approach in Critical Care for Better Patient Outcomes

23 & 24 August 2019

Borneo Convention Centre (BCCK)
Kuching, Sarawak, Malaysia

Jointly organised by:



Persatuan Kakitangan Anestesiologi
Hospital Umum Sarawak (PEKA-HUS)



The Asia-Pacific
Early Mobilization Network



Department of Rehabilitation Medicine,
Sarawak General Hospital



Supported by:



Malaysian Association of
Rehabilitation Physicians



Sarawak State Health
Department



Sarawak Convention Bureau



PRE-CONFERENCE WORKSHOPS (CONCURRENT SESSIONS)

Friday, 23 August 2019: 2.00pm – 6.00pm

WORKSHOP 1: HOW TO VENTILATE LIKE AN INTENSIVIST

Facilitators: Azmin Huda Abdul Rahim (Malaysia) / Wan Daud Wan Kadir (Malaysia)

Brief Overview

Basics on mechanical ventilation is crucial in managing the critically ill patients in the Intensive Care Unit. This workshop is designed with the aim to educate junior doctors on knowledge and skills on essential mechanical ventilation based on the most recent evidence and consensus guidelines.

At the end of the workshop, participants are expected to be familiar with various modes of invasive and non- invasive mechanical ventilation. In addition, they should also be confident in managing ventilation in obstructive and restrictive lung diseases.

Programme

1.30 pm	Registration
2.00 pm	Basic Modes of Mechanical Ventilation
2.30 pm	Non-invasive Ventilation
3.00 pm	Ventilation Strategies in Asthma
3.30 pm	Tea Break
4.00 pm	Ventilation Strategies in Acute Respiratory Distress Syndrome
4.30 pm	Skills Station 1: Modes of Ventilation
5.00 pm	Skills Station 2: Ventilation Strategies
5.30 pm	Closing Remarks

WORKSHOP 2: (A) MANAGEMENT OF HOME VENTILATOR MANAGEMENT (B) ADVANCED AIRWAY AND CHEST SECRETIONS MANAGEMENT

Facilitators: J Balachandran (Singapore) / Chor Yek Kee (Malaysia) / Alison Ting (Malaysia)

Brief Overview

The improvement of the care in the Intensive Care Unit has reduced the mortality rate and now many previously unsalvageable conditions can now be managed and survived. Some patients require prolonged ventilation and many need tracheostomies.

Several years ago, it was uncommon for a person on a ventilator to live at home. It was thought that people who were not medical personnel did not have the skills necessary to operate this machine. However, times have changed, and it has become important to teach families about ventilator use in the home. With a little training and practice, most people can learn how to care for a person who is on a ventilator and has a tracheostomy at home.

We wish this workshop will give you a brief insight into the aspects of home ventilator and tracheostomy care, especially for those delegates from developing countries.

Programme

1.30 pm	Registration
2.00 pm	When to Start Home Respiratory Care and How to Do it?
2.30 pm	Readiness for Tracheostomy Decannulation and Advanced Airway Clearance
3.00 pm	The Challenges of Home Respiratory Care in Sarawak and How We Overcome
3.30 pm	Tea Break
4.00 pm	Skills Station 1: Cough Assist and Lung Volume Recruitment
4.30 pm	Skills Station 2: Home Equipment / Oxygen Therapy Management
5.00 pm	Skills Station 3: Ventilator Management and Alarm Troubleshooting
5.30 pm	Closing Remarks

MAIN CONFERENCE SCIENTIFIC PROGRAMME

Saturday, 24 August 2019

- 7.30 am Registration
- 8.30 am Welcome Addresses
- 9.00 am **KEYNOTE LECTURE: SOCIETY OF CRITICAL CARE MEDICINE GUIDELINES FOR ICU REHABILITATION / MOBILITY**
Dale Needham (USA)
- 9.30 am Coffee Break & Visit Trade Exhibition / Posters Viewing
- 10.00 am **PLENARY LECTURE 1: GLOBAL PERSPECTIVE ON ICU REHABILITATION**
Jonathan Tan (Singapore)
- 10.30 am **SYMPOSIUM 1: SHARING OF INTERNATIONAL EXPERTS' EXPERIENCE**
- 10.30 am **Improving Patients' Outcomes with ICU Rehabilitation: Understanding the Latest Evidence**
Dale Needham (USA)
- 10.45 am **Promoting a Holistic Approach in ICU Rehabilitation**
Toru Kotani (Japan)
- 11.00 am **Goal Setting for Early Mobilization in ICU**
Thomas Rollinson (Australia)
- 11.15 am **Encouraging ICU Rehabilitation Using a 'Champion System'**
Hajime Katsukawa (Japan)
- 11.30 am Q & A session
- 11.45 am **PLENARY LECTURE 2: OPTIMIZING A SEDATION STRATEGY FOR ICU REHABILITATION**
Thomas Strom (Denmark)
- 12.15 pm Oral Free Paper Presentation
- 1.00 pm Lunch Symposium Session
- 2.15 pm Concurrent Sessions
- SYMPOSIUM 2: MULTIDISCIPLINARY APPROACH IN ICU REHABILITATION**
- 2.15 pm **Nutrition for the Critically Ill**
Azmin Huda (Malaysia)
- 2.30 pm **Critical Care Physiotherapy**
David McWilliam (UK)
- 2.45 pm **Nurses as a Critical Component for ICU Mobilization and Rehabilitation**
Cynthia Fine (USA)
- 3.00 pm **Psychological Support for the Critically Ill and Family**
Selvasingham Ratnasingam (Malaysia)
- 3.15 pm Q & A Session
- SYMPOSIUM 3: DIFFERENT PERSPECTIVES ON ICU MOBILIZATION AND REHABILITATION**
- 2.15 pm **Cardiopulmonary Rehabilitation Perspective**
Yuan-Yang Cheng (Taiwan)
- 2.30 pm **Paediatric Perspective: What is the Current Evidence?**
Chor Yek Kee (Malaysia)
- 2.45 pm **Coronary Care Unit Perspective**
Liew Hounq Bang (Malaysia)
- 3.00 pm **Perspective for Patients with Spinal Cord Injury**
Leong Be Kim (Malaysia)
- 3.15 pm Q & A Session
- 3.30 pm Coffee Break & Visit Trade Exhibition / Posters Viewing
- 4.00 pm **SYMPOSIUM 4: ASSESSMENT AND IMPROVING OUTCOMES FOR ICU REHABILITATION**
- 4.00 pm **An Early Mobilization Quality Improvement Protocol with Engagement of ICU Physicians**
Keibun Liu (Japan)
- 4.15 pm **Delirium Assessment and Practices in ICU**
Cynthia Fine (USA)
- 4.30 pm **Quality Assurance Programme for ICU Rehabilitation**
Lucy Hong Mei Zhao (China)
- 4.45 pm **Functional Assessment and Outcome Measures for ICU Rehabilitation**
David McWilliam (UK)
- 5.00 pm Q & A Session
- 5.15 pm **PLENARY LECTURE 3: CREATING AN ICU REHABILITATION CLINICAL AND RESEARCH PROGRAMME IN ASIA**
Chi Ryang Chung (Korea)
- 5.45 pm Closing Remarks
- 6.00 pm End of Session

INVITED SPEAKERS (as at 25 April 2019)

AUSTRALIA

Thomas Rollinson

Senior ICU Physiotherapist
Physiotherapy Department
Austin Hospital
Melbourne

PEOPLE'S REPUBLIC OF CHINA

Lucy Hong Mei Zhao

Department of Pulmonary & Critical Care Medicine
Centre of Respiratory Medicine
China-Japan Friendship Hospital
Beijing

DENMARK

Thomas Strom

Clinical Associate Professor
Anaesthesiology and Intensive Care
Odense University Hospital
Denmark

JAPAN

Toru Kotani

Associate Professor
Department of Intensive Care Medicine
Showa University, School of Medicine
Tokyo, Japan

Hajime Katsukawa

Japanese Society for Early Mobilization
Tokyo, Japan

KOREA

Chi Ryang Chung

Associate Professor
Department of Critical Care Medicine and Medicine
Samsung Medical Center
Seoul, Korea

MALAYSIA

Azmin Huda Binti Abdul Rahim

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Chor Yek Kee

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Wan Daud Bin Wan Kadir

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Liew Houng Bang

CRC Sabah Heart Centre
Hospital Queen Elizabeth II
Kota Kinabalu, Sabah
Malaysia

Leong Be Kim

Head of Department & Consultant Rehabilitation Physician
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Sarawak General Hospital
Kuching, Sarawak
Malaysia

Selvasingham Ratnasingam

Child & Adolescent Psychiatry
Sarawak General Hospital
Kuching, Sarawak
Malaysia

Alison Ting

Consultant, Paediatric & Respiratory Medicine
Timberland Medical Centre
Kuching, Sarawak
Malaysia

SINGAPORE

Balachandran Jayachandran

Principal Physiotherapist
Rehabilitation Department
Woodlands Health Campus
Singapore

Jonathan Tan

Senior Consultant
Director, Surgical Intensive Care Unit
Tan Tock Seng Hospital
Singapore

TAIWAN

Yuan-Yang Cheng

Department of Physical Medicine & Rehabilitation
Taichung Veterans General Hospital
Taichung, Taiwan

UNITED KINGDOM

David McWilliams

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Edgbaston, Birmingham
United Kingdom

UNITED STATES OF AMERICA

Cynthia K. Fine

Clinical Coordinator: Mobilization
New York Presbyterian
Columbia University Medical Center
Washington, New York
USA

Keibun Liu

Department of Anesthesiology
Translational Intensive Care Unit
The University of Texas Medical Branch
Texas
USA

Dale M. Needham

Professor, Schools of Medicine and Nursing
Outcomes After Critical Illness & Surgery (OACIS) Group
Division of Pulmonary & Critical Care Medicine, SOM
Department of Physical Medicine & Rehabilitation, SOM
Medical Director, Critical Care Physical Medicine &
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