

PRE-CONGRESS WORKSHOP

5th September 2024 (Thursday)

1. Optimising Antimicrobial Therapy in The Critically Ill

(Limited to 40 participants only)

Chairperson: Azmin Huda Abdul Rahim

Venue: Grand Johor Room

Antimicrobial therapy is one of the important components in the management of sepsis in ICU. However, prescribing antimicrobials without appropriate stewardship may lead to emergence of resistant organisms. Hence, this workshop is drawn up to further elucidate and discuss how to optimise antimicrobial therapy in the critically ill based on the latest evidence and guidelines available. The target participants of this workshop will be specialists, trainees and clinical pharmacists.

Programme

0900 - 0915	Principles of Antimicrobial Therapy in ICU <i>Azmin Huda Abdul Rahim</i>
0915 - 0945	Understanding PKPD of Antibiotics <i>Rahela Ambaras Khan</i>
0945 - 1015	Duration of Antibiotics: Are we Doing it Right? <i>Lavitha Vyeganathan</i>
1015 - 1045	Augmented Renal Clearance ..is it a Myth? <i>Koo Thomson</i>
1045 - 1115	Break
1115 - 1145	Prolonged Infusion of Antibiotics...is the Way to go? <i>Rahela Ambaras Khan</i>
1145 - 1215	Hypoalbuminaemia and Beta Lactam <i>Poh Yeh Han</i>
1215 - 1245	Combination Therapy in MDR Organisms...What are the Evidence? <i>Azmin Huda Abdul Rahim</i>
1245 - 1400	Lunch
1400 - 1430	Case Discussion: Invasive Candidiasis <i>Shanti Rudra Deva</i>

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1430 - 1500	Case Discussion: sCAP <i>Azmin Huda Abdul Rahim</i>
1500 - 1530	Case Discussion: CNS Infections <i>Poh Yeh Han</i>
1530 - 1600	Case Discussion: Intrabdominal Infections <i>Koo Thomson</i>
1600 - 1630	Wrap Up / Evaluation Form

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2. Essentials of Mechanical Ventilation in Adults (*only for doctors*)

(Limited to 40 participants only)

Chairpersons: Premela Naidu Sitaram, Yap Mei Hoon

Venue: Selangor Room / Perak Room

Mechanical ventilation is often necessary in cases of respiratory failure, circulatory failure, altered conscious state and cardiac arrest. This workshop covers the essential modes of ventilation, interaction of the patient with the ventilator, various ventilator strategies and best weaning strategies. This comprehensive workshop is ideal for doctors working in the critical care units.

Programme (Morning Session)

0800 - 0820	Registration
0820 - 0830	Welcome Address and Housekeeping Rules <i>Premela Naidu</i>
0830 - 0900	Basic Principles of Mechanical Ventilation <i>Khoo Tien Meng</i>
0900 - 0930	Conventional Modes of Ventilation: Controlled Modes and Assist Modes <i>Yap Mei Hoon</i>
0930 - 1000	Non-Invasive Strategies - HFNO, NIV, Helmet <i>Lee See Pheng</i>
1000 - 1030	Tea break
1030 - 1100	Patient - Ventilator Interaction <i>Gaithridevi V Singam</i>
1100 - 1130	Sedation - Ventilation Interaction <i>Fabeem Ahmed Khan</i>
1130 - 1200	Readiness Testing for Weaning <i>Nabla Ismail</i>
1200 - 1230	Ultrasound to Assess Failure to Wean <i>Calvin Wong</i>
1230 - 1300	Ventilating the Obese Patient <i>Fabeem Ahmed Khan</i>
1300 - 1400	Lunch

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Programme (Afternoon Session)

1400 - 1440	Skill Station 1 <i>Yap Mei Hoon / Nabla Ismail</i>
1440 - 1520	Skill Station 2 <i>Lee See Pheng</i>
1520 - 1600	Skill Station 3 <i>Kboo Tien Meng</i>
1600 - 1640	Skill Station 4 <i>Calvin Wong / Gaithridevi</i>
1640 - 1700	Tea Break & Closing

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3. Mechanical Ventilation for Nurses

(Limited to 40 participants only)

Chairperson: Lavitha Vyveganathan

Venue: Melaka Room

Overview

This one-day programme is designed to help ICU nurses revise and update their knowledge on managing critically ill patients on the mechanical ventilator. The programme emphasises the basic concepts of mechanical ventilation with topics that are clinically relevant to bedside nursing care. The programme comprises of lectures in the morning followed by practical group discussions in the afternoon.

Programme

0800 - 0830	Registration
0830 - 0915	Mechanical Ventilation - The Basics <i>Kee Pei Wei</i>
0915 - 1000	Ventilator Modes - Management and Monitoring <i>Muhammad Hafizzi Mohd</i>
1000 - 1030	Tea Break
1030 - 1115	Basic Waveform Analysis <i>Yap Pey Y'ng</i>
1115 - 1200	Care of Patient with Non Invasive Ventilation <i>Tan Yu Hui</i>
1200 - 1230	Optimize your Pulse Oximetry Monitoring <i>Muhammad Hafizzi Mohd</i>
1230 - 1330	Lunch
1330 - 1400	Weaning from Mechanical Ventilation <i>Kee Pei Wei</i>
1400 - 1615	Workshop and Group Discussion
1615 - 1630	Feedback and Wrap Up Session

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Topic	Simple Waveform Analysis and Basic Modes	Non Invasive Ventilation	Optimizing Pulse Oximetry in ICU	Asthma and ARDS
Fascilitator	Yap Pey Y'ng	Tan Yu Hui	Muhd Haffizi Mohd	Kee Pei Wei
1400 - 1430	Group A	Group B	Group C	Group D
1430 - 1500	Group D	Group A	Group B	Group C
1500 - 1515	Tea Break			
1515 - 1545	Group C	Group D	Group A	Group B
1545 - 1615	Group B	Group C	Group D	Group A

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4. Paediatric - Haemodynamic Monitoring in The Critically Ill Child

(Limited to 32 - 36 participants only)

Chairpersons: Tang Swee Fong, Gan Chin Seng

Venue: Sarawak Room

Circulatory instability and shock is not uncommon in children and poses a challenging management situation. The current guidelines for shock focuses mainly on early recognition and treatment but do not specify the type of monitoring technology that should be used in various circumstances. Haemodynamic monitoring should ideally be able to accurately determine not only the severity of circulatory derangements, but also the underlying pathophysiological mechanisms, to enable clinicians to choose the most appropriate therapy. There are a wide range of techniques and devices available to monitor haemodynamic status and an increasing number is available for use in children. This workshop will cover the basis and basics of haemodynamic monitoring as well as the use and limitations of various methods.

Programme

0800 - 0830	Registration
0830 - 0845	Welcome
0845 - 0915	Haemodynamic Monitoring in Critically Ill children - An Overview <i>Arun Bansal</i>
0915 - 0945	The Physiological Basis of Circulatory Shock <i>Pravin Sugunan</i>
0945 - 1015	Heart-Lung Interactions in Circulatory Shock <i>Chor Yek Kee</i>
1015 - 1045	Coffee Break
1045 - 1115	Fluid Resuscitation and Fluid Responsiveness <i>Chong Jia Yueh</i>
1115 - 1145	Monitoring Cardiac Output <i>Pon Kah Min</i>
1145 - 1215	Monitoring the Microcirculation <i>Gan Chin Seng</i>

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1215 - 1230	Q&A
1230 - 1400	Lunch
1400 - 1700	Skill Station 1: How I Administer Fluids and Monitor Responsiveness <i>Chong Jia Yueh / Lee Siew Wah</i>
	Skill Station 2: Use of Echocardiography to Monitor Fluid Responsiveness <i>Chor Yek Kee / Pon Kah Min</i>
	Skill Station 3: Monitoring Tissue Perfusion and Oxygenation <i>Pravin Sugunan / Lee Pei Chuen</i>
	Skill Station 4: Minimally Invasive Methods for Haemodynamic Monitoring in Children <i>Arun Bansal / Gan Chin Seng</i>
1700	End of Programme and Tea Break