

PRE-CONGRESS WORKSHOP

11th September 2025 (Thursday)

1. Fluid Therapy Revisited: Refining Principles, Reinforcing Practices

(Limited to 30 participants only)

Chairperson: Poh Yeh Han

Co-Chairpersons: Nurul Liana Roslan, Nurul Zaynah Nordin

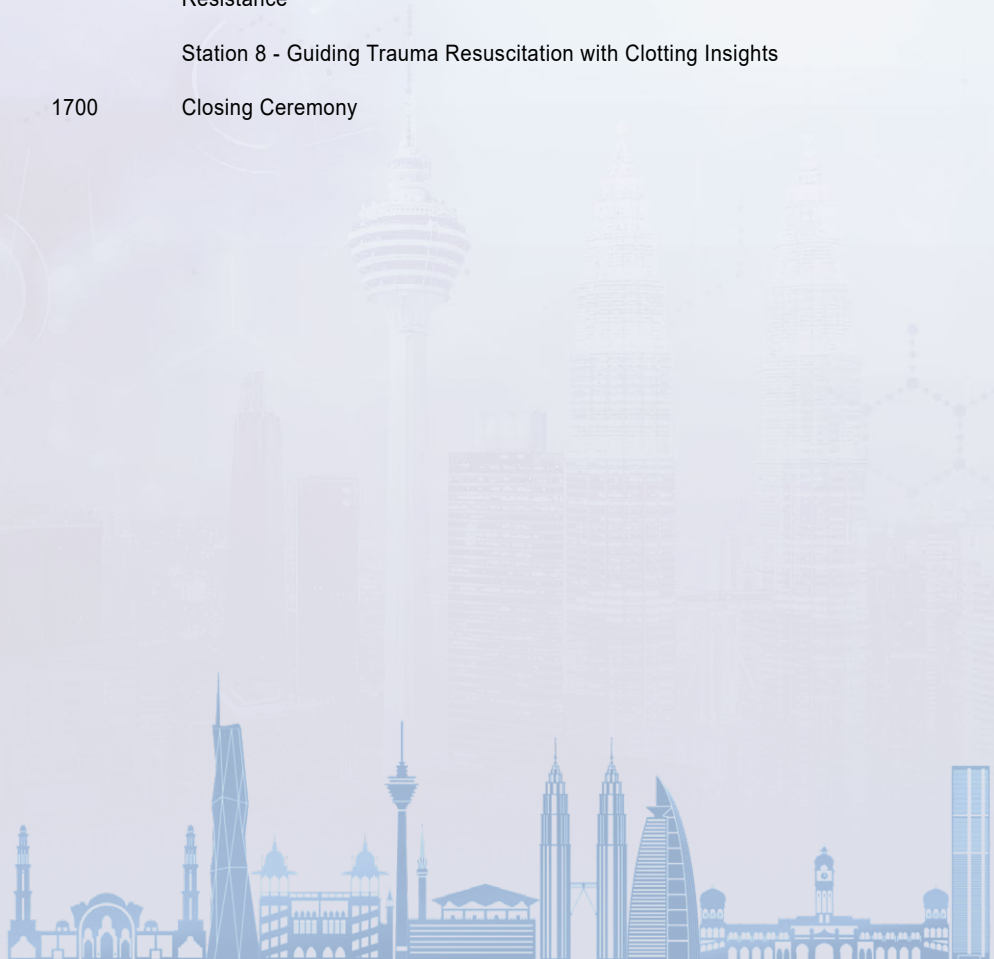
Fluid management is crucial for maintaining tissue perfusion and organ function, requiring a delicate balance to avoid both hypovolemia and fluid overload, with the goal of optimizing hemodynamics and patient outcomes. The International Fluid Academy Malaysian Chapter will conduct a workshop covering key principles of fluid therapy with a good mix of lectures and breakaway hands-on stations. Come and exchange ideas with experts in the field from both local and international faculty.

Programme

0730 - 0830	Registration
0830 - 0845	Introduction
0845 - 0915	Mastering the Fundamentals of Fluid Therapy
0915 - 0945	Decoding Fluid Choices: Crystalloids, Colloids, and Beyond
0945 - 1015	Morning Tea
1015 - 1045	Hemodynamic Monitoring & Tissue Perfusion
1045 - 1115	Hypovolemia vs Hypervolemia
1115 - 1315	Station 1 - Fluid Choices in Malaysia: What's on the Shelf and When to Use Them Station 2 - Fluid Responsiveness: More Than Just Ultrasound! Station 3 - Inside the Abdomen: Monitoring Intraabdominal Pressure Station 4 - Advanced Hemodynamic Device PiCCO & FloTrac
1315 - 1400	Lunch Break
1400 - 1430	Evidence-Based Fluid Therapy: Top 10 Game-Changing Trials Every Clinician Should Know

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- 1430 - 1500 The Science of Fluid Resuscitation: Myths and Realities
- 1500 - 1700 Station 5 - Acid-Base Resuscitation - How do I do it?
- Station 6 - Fluid Resuscitation in Challenging Hearts & Kidneys: Advanced Hemodynamic Guidance
- Station 7 - Ultrasound in Action: Assessing LVOT VTI, CO and Systemic Vascular Resistance
- Station 8 - Guiding Trauma Resuscitation with Clotting Insights
- 1700 Closing Ceremony



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2. Critical Care Nephrology for Nurses

(Limited to 40 participants only)

Chairperson: Asmah Zainudin

This one-day programme is designed to help ICU nurses to enhance their knowledge and skills in caring for patients with renal failure, patients undergoing dialysis, improving their clinical competencies and fostering teamwork and communication. This programme comprises of lectures in the morning followed by practical group discussions in the afternoon.

Programme

0800 - 0830	Registration
0830 - 0915	Renal Physiology and Pathophysiology in Critically Ill <i>Asmah Zainudin</i>
0915 - 1000	Recognition and Assessment of AKI <i>Nabla Irtiza</i>
1000 - 1030	Tea Break
1030 - 1115	Fluid and Electrolyte Management in Critically Ill Patients with AKI <i>Azmin Huda</i>
1115 - 1200	Renal Replacement Therapy: Overview <i>Siti Robaya</i>
1200 - 1215	Vascular Access Care <i>Nabla Irtiza</i>
1215 - 1230	Q&A
1230 - 1330	Lunch
1330 - 1630	SKILL STATION Station 1: CRRT Set Up <i>Siti Robaya</i> Station 2: Troubleshooting <i>Nabla Irtiza</i> Station 3: Effective Monitoring during Dialysis <i>Azmin Huda</i>
1630 - 1700	End of Programme and Tea Break

PRE-CONGRESS WORKSHOP
11th September 2025 (Thursday)**3. Paediatric Airway Management and Mechanical Ventilation in the Critically Ill Child***(Limited to 36 participants only)***Chairpersons:** Chong Jia Yueh, Tang Swee Fong

Respiratory illnesses are common in children and some experience severe disease requiring respiratory support. Technological advances have improved the way respiratory support is provided. There are many modes of ventilation which can often be confusing to the managing clinician at the bedside. This workshop will provide the basics required to provide safe and effective mechanical ventilation to our patients. This workshop will be beneficial to Intensivists, Emergency Physicians, Paediatricians, Intensive Care Fellows, and Medical Officers who provide mechanical ventilation to children.

Programme

0800 - 0815	Registration
0815 - 0830	Welcome
0830 - 0915	NONINVASIVE VENTILATION Why do I Start with HFNC? <i>Anis Siham</i> Why do I Start with NIV? <i>Chor Yek Kee</i>
0915 - 0945	Invasive Ventilation: Firstly Secure the Airway <i>Rufinab Teo</i>
0945 - 1015	Deciphering the Modes of Ventilation <i>Pravin Sugunan</i>
1015 - 1045	Coffee Break
1045 - 1115	Understanding What the Ventilator Tells Us - Interpretation of Curves and Waveforms <i>Gan Chin Seng</i>
1115 - 1145	The Role of APRV, NAVA and Bioimpedance <i>Pon Kab Min</i>
1145 - 1215	Weaning and Extubation Readiness <i>Thavani Thavarajasingam</i>

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1215 - 1230	Q&A
1230 - 1400	Lunch
1400 - 1700	Skill Station 1: Airway Management <i>Rufinah Teo / Chong Jia Yueh</i>
	Skill Station 2: Ventilator Graphics <i>Gan Chin Seng / Thavani Thavarajasingam</i>
	Skill Station 3: APRV / NAVA / Bioimpedance <i>Pon Kah Min / Lee Siew Wah</i>
	Skill Station 4: Case Studies in ARDS <i>Chor Yek Kee / Pravin Sugunan</i>
1700	End of Programme and Tea Break



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4. Critical Appraisal of the Literature: A Quick Guide for Beginners

(Limited to 40 participants only)

Chairperson: Nor'azim Mohd Yunos

Facilitators: Chaw Sook Hui, Lai Nai Ming, Nor'azim Mohd Yunos, Rafidah Atan, Vinod Laxmikanth Balasundra

Ever felt overwhelmed by loads of 'latest' journal articles on your e-mail or social media screens? Ever wondered how to decide if they are reliable, and whether the findings should change your practice? If all this bothers you, you will find this workshop useful.

This workshop will take you step by step through three important types of journal articles for the busy clinicians - Randomised Controlled Trial, Cohort and Systematic Review. You will gain the skills to critically appraise the methodology of clinical trials, to make sense of the results and their significance; and to judge if the results apply to your patients. You will be clearer on the concept of Evidence-Based Medicine (EBM) and more confident with terms like randomisation, relative risks, number needed to treat and confidence intervals. The workshop will also cover the use of online resources like PubMed and Cochrane, and the application of GRADE criteria in the development of clinical guidelines.

The facilitators include senior consultants who are experienced in facilitating EBM workshops locally and internationally. Adult or Paediatric Intensive Care trainees, Anaesthesiology trainees, specialists or any doctor who wishes to read journal articles better are warmly welcome.

Programme

0800 - 0830	Registration
0830 - 0850	Introduction: EBM - What and Why
0850 - 0920	Clinical Questions and Study Designs
0920 - 1000	Basic Statistics for Literature Appraisal
1000 - 1030	Coffee Break
1030 - 1115	Appraising Randomized Controlled Trials (RCT): Theory
1115 - 1200	Appraising Cohort Studies: Theory
1200 - 1245	Appraising Systematic Reviews: Theory
1245 - 1345	Lunch

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- 1345 - 1600 Appraising RCT: Hands On (Small Group)
- Appraising Cohort Study: Hands On (Small Group)
- Appraising Systematic Review: Hands On (Small Group)
- 1600 - 1620 GRADE Criteria - From Evidence to Recommendation
- 1620 - 1630 Summary, Evaluation and Feedback
- 1630 Tea Break

