

Malaysian Society of Anaesthesiologists & College of Anaesthesiologists, AMM ANNUAL SCIENTIFIC CONGRESS 2024

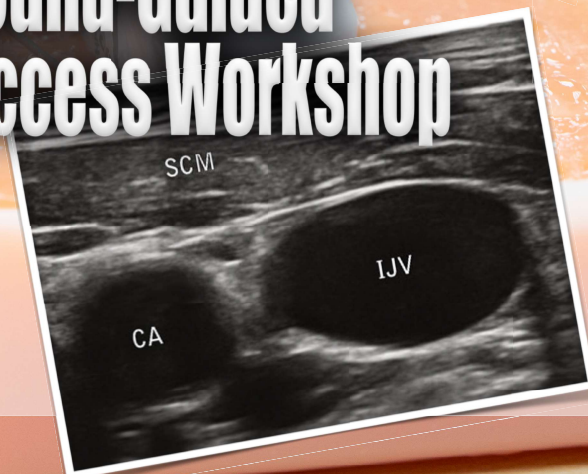
My Anaesthesia 2024: Where Science Meets Art

PRECONGRESS WORKSHOP
1st August 2024



**Limited
to 40
participants**

Mastering Precision: Ultrasound-Guided Vascular Access Workshop



Venue : Clinical Simulation Centre (CSC), Level 2, Faculty of Medicine, UiTM Sungai Buloh Campus, Sungai Buloh.

Facilitators. : Dr. Shahridan Mohd Fathil, Dr. Ahmad Afifi Mohd Arshad, Dr. Haslan Ghazali, Dr. Lim Teng Cheow, Dr. Mohamad Hanafi Mohd, Dr. Rusnaini Mustapha Kamar, Dr. Nur Hafizhoh Abd Hamid

Target audience: Specialists, Medical Officers, Nurses, and Phlebotomists.

Registration fee: **RM 250** (On or before 31st July 2024)
RM 280 (On-site, 1st August 2024)

BRIEF SYNOPSIS

This workshop aims to equip participants with a structured approach to utilising ultrasound in their daily clinical practices with a focus on challenging cannulation. Participants will have the opportunity to refine their skills through hands-on scanning and needling on tissue mannequins. They will also gain an understanding of machine optimisation, including practical 'tips and tricks', and become familiarised with relevant anatomy.

LEARNING OUTCOME

- Identify the parameters required for the safe application of ultrasound.
- Identify the physical principles, artefacts and the steps for image optimisation in standardised patients.
- Demonstrate ultrasound-guided in-plane and out-of-plane needle placements for vascular access and procedural applications using ultrasound simulators.
- Recognise the sonographic appearances of normal peripheral veins and arteries in standardised patients.
- Perform ultrasound guided vascular access on mannequins.
- Understand the aseptic technique when integrating ultrasound into cannulation.

TENTATIVE PROGRAMME

0730-0815	Registration
0815-0830	Welcoming speech
0830-0900	Physics behind Ultrasound & "in-plane" vs "out-of-plane" technique
0900-0930	Updated guidelines on USG Cannulation
0930-1000	Relevant anatomy via sonography
1000-1030	Morning Break
1030-1100	Ergonomics, Sterility and Preparation
1100-1130	Cannulation in Paediatrics: Tips and pitfall
1130-1300	6 Stations (first 3 of 6 rotations) All facilitators Station 1: Ergonomics & Preparation Station 2: Relevant Anatomy (Standardised patient) Station 3: Plane viewing & Cannulation
1300-1400	Lunch & Prayer
1400-1430	Cannula & Catheters (Peripheral, central and arterial)
1430-1500	Post-cannulation Care and Catheter Removal
1500-1630	6 Stations (last 3 of 6 rotations) All facilitators Station 1: Central Venous Catheter (Neck) Station 2: Dialysis Catheter (Femoral) Station 3: Peripheral and Arterial Line
1630-1700	Evening Tea

<https://www.msa.asm.org.my/>