

POCUS

Session	Time	Type	Topic / Station	Faculty	Format	Notes
Opening	8:30 AM – 9:00 AM	Admin / Assessment	Registration and Pre-Test	Faculty	Written Assessment	
Session 1	9:00 AM – 9:30 AM	Theory Lecture	Basic Physics and Knobology	Dr Chan Kim Poh	Lecture	Physics of USG, probes, echogenicity, modes, artefacts – specifically for EM Physicians
Session 2	9:30 AM – 10:00 AM	Hands-On	Knobology & Probe Orientation	Dr Sai Kiran Goud	Hands-On Play Station	Get-to-know-the-machine station. Probe orientation, movements, echogenicity, air-tissue interface
Break	10:00 AM – 10:20 AM	Break	Tea Break	—	—	
AM Stn 1	10:20 AM – 1:00 PM	Rotation (40 min each)	Airway Ultrasound	Dr Ashray V / Dr Zainab Mehdi	Hands-On Station	Transverse & longitudinal views; neck structures; POCUS in intubation, tracheal injuries, cricothyroid membrane location. Max 5–6 students per station (2 machines)
AM Stn 2	10:20 AM – 1:00 PM	Rotation (40 min each)	Breathing: Lung Ultrasound	Dr Atiharsh Mohan Agarwal / Dr N. Rudra Rupesh Reddy	Hands-On Station	Lung USG hands-on; pathological images/videos for identification on the side
AM Stn 3	10:20 AM – 1:00 PM	Rotation (40 min each)	Pump: Focused Cardiac Ultrasound (FOCUS)	Dr Navneet Sharma / Dr Sahana Gurulingaiah	Hands-On Station	PLAX, PSAX, 4-Chamber, Subxiphoid views. Qualitative only. RA/RV dilatation, poor LV function, pericardial effusion
AM Stn 4	10:20 AM – 1:00 PM	Rotation (40 min each)	Pipes: IVC, Aorta, 3-Point DVT Scan, CVC Identification	Dr Chan Kim Poh / Dr Shyam Sundar	Hands-On Station	
Break	1:00 PM – 1:40 PM	Break	Lunch Break	—	—	
PM Stn 1	1:40 PM – 5:00 PM	Rotation (40 min each)	Musculoskeletal Ultrasound	Dr Saurabh Saigal / Dr Sahana Gurulingaiah	Hands-On Station	Identification of fractures and dislocations. Max 5–6 students per station (2 machines)
PM Stn 2	1:40 PM – 5:00 PM	Rotation (40 min each)	Nerve Blocks – Trauma Related (Brachial Plexus for Upper Limb, Serratus Anterior, PENG Block)	Dr Chandan Dey / Dr Saurabh Trivedi	Hands-On Station	
PM Stn 3	1:40 PM – 5:00 PM	Rotation (40 min each)	Abdomen & FAST Scan – Gallbladder, Kidney, FAST	Dr Chan Kim Poh / Dr Shyam Sundar	Hands-On Station	
PM Stn 4	1:40 PM – 5:00 PM	Rotation (40 min each)	RUSH Protocol	Navneet Sharma / Dr N. Rudra Rupesh Reddy	Hands-On Station (Case-Based)	
PM Stn 5	1:40 PM – 5:00 PM	Rotation (40 min each)	BLUE Protocol	Dr Mandip Bhatia / Dr Saurabh Sharda	Hands-On Station (Case-Based)	
Closing	5:00 PM – 5:30 PM	Assessment	Quiz	Dr Sahana Gurulingaiah	Interactive Quiz	