

EASy POCUS in Perioperative Emergencies

From pre-induction optimization to ultrasound-guided resuscitation

Friday, September 11, 2026 · Conrad Abu Dhabi Etihad Towers · Abu Dhabi Annual Anesthesia Congress, with the New York State Society of Anesthesiologists

A hands-on workshop in the EASy protocol — focused subcostal point-of-care ultrasound for rapid decision-making in perioperative emergencies: pre-induction risk assessment, hemodynamic phenotyping in shock, ultrasound-supported resuscitation and cardiac arrest management, taught through lectures, live demonstrations, case-based pattern recognition and simulation.

Morning — lectures, demonstrations and hands-on stations

7:00 – 8:00	Registration
8:00 – 8:15	Introduction and workshop overview
8:15 – 9:15	Foundational lectures Subcostal cardiac and IVC assessment — Nibras Bughrara Introduction to lung ultrasound — Oliver Panzer Hemodynamic phenotypes in shock — Ahmed Taha
9:15 – 10:00	Interactive ultrasound demonstration Six stations, six instructors Subcostal cardiac and IVC assessment — 25 minutes Upper lung and pleural space ultrasound — 20 minutes
10:00 – 10:15	Coffee break
10:15 – 11:00	Interactive ultrasound demonstration Six stations, six instructors — three 15-minute stations
11:00 – 11:45	The EASy protocols: EASy ALS, EASy MAP and EASy PDA — Nibras Bughrara
11:45 – 12:30	Hands-on stations Six stations, six instructors EASy ALS case: the subcostal scan in less than 10 seconds EASy MAP testing: the scan in 3 minutes
12:30 – 14:00	Friday prayer and lunch break

Format and resources

- 6 rotating hands-on stations, 6 trainees per station
- 6 live models · 6 ultrasound machines · 6 cardiac phased-array probes
- 1 high-fidelity SimMan station (separate room, afternoon session)
- Laminated EASy phenotype cards

Afternoon — rotating stations

Six groups. Two groups at a time take the high-fidelity **Code Plus** cardiac-arrest simulation in the simulation room while the other four work through clinical cases for pattern recognition and management; every group rotates through both.

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
14:00 – 14:30	Code Plus simulation	Code Plus simulation	Clinical cases 1	Clinical cases 1	Clinical cases 1	Clinical cases 1
14:30 – 15:00	Code Plus simulation	Code Plus simulation	Clinical cases 1	Clinical cases 1	Clinical cases 1	Clinical cases 1
15:00 – 15:30	Clinical cases 2	Clinical cases 2	Code Plus simulation	Code Plus simulation	Clinical cases 2	Clinical cases 2
15:30 – 16:15	Ultrasound support of resuscitation in sepsis — limitations and pitfalls — Aliaksei Pustavoitau					
16:15 – 16:30	Coffee break					
16:30 – 17:00	Clinical cases 2	Clinical cases 2	Code Plus simulation	Code Plus simulation	Clinical cases 2	Clinical cases 2
17:00 – 17:30	Clinical cases 3	Clinical cases 3	Clinical cases 3	Clinical cases 3	Code Plus simulation	Code Plus simulation
17:30 – 18:00	Clinical cases 3	Clinical cases 3	Clinical cases 3	Clinical cases 3	Code Plus simulation	Code Plus simulation
18:00	Closing remarks					

Learning objectives

By the end of this workshop, participants will be able to:

- Perform a focused EASy POCUS assessment using subcostal cardiac and IVC views to rapidly evaluate perioperative patients before induction, during shock, and during resuscitation.
- Recognize the key hemodynamic phenotypes — hypovolemia, ventricular dysfunction, right ventricular strain, obstructive physiology and distributive shock — using the EASy framework.
- Apply ultrasound findings to clinical management during perioperative emergencies, including pre-induction optimization, physiologically difficult airway management, sepsis resuscitation and cardiac arrest.

Faculty

Nibras Bughrara

Aliaksei Pustavoitau

Oliver Panzer

Ahmed Taha

with the station instructors of the EASy POCUS group

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