

TROPIX

Program

Day 1

Lectures

1. A case for TOE in ICU, ED and non-cardiac anaesthesia (30 minutes) [F Pracher]
2. TOE insertion, safety and complications (30 minutes) [J Baldwin]
3. Physics refresher (15 minutes) [J Baldwin]

Morning tea (30 minutes)

4. Basic TOE anatomy and views (30 minutes) [S Moloi]
5. Comparative anatomy TTE <-> TOE (30 minutes) [Y Yang]

Lunch (60 minutes)

-access to equipment/simulators

Skill stations (5 rotations x 45 minutes)

- 3 simulators (Vimedix TOE x2, Simulands x1)
- 1 ECHO PAC/cases
- 1 TTE review station

Afternoon tea after 3 rotations

Evening: course dinner

Day 2

Lectures

1. A protocol for resuscitative TOE (30 minutes) [F Pracher]
2. TOE for diagnosis and management of shocked patients (30 minutes) [S Gunawan]
3. Knobology (15 minutes) [E Emms]

Morning tea (30 minutes)

4. TOE to assess low cardiac output state post cardiac surgery (30 minutes) [J Baldwin]

5. TOE for mechanical circulatory support (ECMO, Impella, IABP) (30 minutes) [Y Yang]

Lunch (60 minutes)

-access to equipment/simulators

Skill stations (4 rotations x 60 minutes)

-3 simulators (Vimedix TOE x2, Simulands x1)

-1 ECHO PAC/cases

Afternoon tea after 2 rotations

Day 3 (optional)

Lectures (30-40 minutes each)

1. Doppler workshop (30 minutes) [J Baldwin]
2. advanced ventricular function assessment (3D EF, strain) (30 minutes) [F Pracher]
3. adult (corrected) congenital heart disease (30 minutes) [J Thoreaux]

Morning tea (30 minutes)

4. 3D Mitral and Tricuspid: surgical and TEER (30 minutes) [Y Yang]
5. Welcome to NQ: rheumatic heart disease in OT (30 minutes) [F Pracher]
6. 3D intra-atrial septum and other 3D applications [S Moloi]

Skill stations (4 rotations x 60 minutes)

3 stations (60 minutes each)

-2 simulators (Vivmedix x1, Simulands x1)

-2 ECHO PAC/cases