

Ultrasound Workshop on Trauma and Critical Care

ISACON 2016

Workshop Coordinator: Dr Puneet Goyal & Dr Sanjay Dhiraaj

ISACON coordinator: Dr. Vinay Singhal

Faculty

Dr PK Singh, Dr Anil Agarwal, Dr Devendra Gupta, Dr Aarti Agarwal

Conducted by

Department of Anaesthesia, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow

Venue: Fortis Hospital, Chandigarh Road, Ludhiana,

Didactic Lectures: 9AM-11.30PM

Tea Break: 11.30-11.45AM

Hands on session: 11.45AM – 3.00 PM with lunch in between

Lunch: 1.15-2.00 PM

Video based case scenario discussion (Demonstration on USG-TTE Simulator if possible) in seminar room: 3.15-4.15 PM

Feedback collection and certificate distribution: 4.15-4.30 PM

Time	Topic	Faculty
9.00-9.05	Introduction to Course	Dr Puneet Goyal
9.05-9.20	Basic Physics of Ultrasound	Dr Anil Agarwal
9.20-9.35	Machine Knobology and Probe Selection	Dr Puneet Goyal
9.35-9.50	USG guided Vascular access	Dr Aarti Agarwal
9.50-10.20	Orientation to Transthoracic Echo for FATE protocol	Dr Puneet Goyal
10.20-10.50	A) Orientation to Abdominal USG for FAST protocol B) Airway USG	Dr Sanjay Dhiraaj

10.50-11.20	Orientation to Lung USG	Dr Devendra Gupta
11.20-11.30	Intracranial USG	Dr Devendra Gupta
11.30-11.45	Break	

11.45AM -3.00 PM Hands on session on 4 work stations

(Lunch in between at around 1.15 to 2.00 PM)

Participants will be divided in 4 groups and will be rotated on 4 workstations every 30 minutes

Station 1: Vascular access (IJV, Subclavian, Femoral venous and Arterial)

Station 2: Focussed assessment by Transthoracic Echo (FATE protocol, emphasis on evaluation of hemodynamically unstable patient in ICU)

Station 3: Focussed assessment by Sonography in Trauma/ICU (FAST protocol tailored for ICU patient)

Station 4: Lung USG (emphasis on detection of Pneumothorax, Pleural Effusion and Lung consolidation)

Participants will be divided in 4 groups and rotated on all 4-work stations, every 30 minutes.

3.15 PM-4.15 PM : Session on Video Based Case Scenarios

Note: (Demonstration of USG and Echo findings in various pathologies on USG / TTE Simulator, if possible).

This will be done in Seminar room.

One extra projector will be needed to connect with Sonosite Machine / Echo Simulator and one volunteer to demonstrate normal views simultaneously with abnormal views.

4.15 -4.30 PM: Certificate distribution and Feedback collection