

HEMODYNAMIC MONITORING WORKSHOP

ISACON 2016, LUDHIANA

Course Coordinators - Dr Subendhu Sarkar, Dr. Rajesh Arya

Course Faculty - Dr Paramita Tribedi Chatterjee, Dr. Arindam Choudhury

Programme Schedule

Venue – Dayanand Medical College Campus, Civil Lines, Ludhiana 141001

Date : 25th November, 2016, Friday

8:30 am to 9:00 am : Registration

9 am to 9:10 am : Introduction and Briefing : Dr Subhendu sarkar

LECTURE SESSIONS

9:15am to 9:45am : **BASICS OF HEMODYNAMIC MONITORING** (History, Physics, Components, Arterial Blood Pressure, Central Venous Pressure, Pulmonary Artery Catheter)

By : Dr Paromita Tribedi

09:50am to 10:30am : **ADVANCED HEMODYNAMIC MONITORING** (Advanced Pulmonary Artery Catheter, Pulse contour analysis, Pulse pressure variation, EV1000, Volume view monitor, oesophageal Doppler)

By: Dr Subhendu Sarkar

10:40am to 11:10am : Basics of TRANSESOPHAGEAL ECHOCARDIOGRAPHY (TEE)Tool for hemodynamic Monitoring.

By: Dr Arindam Choudhury

11:10am to 11:30am : MODERN NON INVASIVE HEMODYNAMIC MONITORINGS (Thoracic Bioimpedence, Pleth Variability index, EsCCO, LidCO, Clearsight)

By: Dr Subhendu Sarkar

12 noon to 4:00pm : Hands on by rotation in 4 stations

1:30pm to 2:00 pm : LUNCH BREAK.

HANDS ON STATIONS (45minutes in each station)

Station 1 : 1) Wave form analysis (Arterial, CVP, Basic PA Catheter)

2) Devices to put different lines including Pressure monitoring Kit.

3) PreSep CVP catheter. Case Scenario.

By : Dr Paromita Tribedi

Station 2 : 1) Advanced Pulmonary artery Catheter , AVA, Vigilence

2) Intermittant and Continuous Thermodilution Cardiac Output

4) EV1000, Vigileo, Volume View, PiCCO, VAMP System.

By : Dr SUBHENDU SARKAR

Station 3 : 1) TRANSTHORACIC ECHO.....Basics
2) VASCULAR ULTRASOUND

By : **DR ARINDAM CHOUDHURY**

Station 4 : NON INVASIVE EMODYNAMIC MONITORS

- 1) CLEAR SIGHT
- 2) ESCCO
- 3) PVI MASIMO

By : (**NEED ONE FACULTY.....Will coordinate accordingly**)

4:00pm to 4:15 pm : TEA BREAK.

4:30pm to 6pm : 1) Hemodynamic Simulation

- 2) INTERACTION.....Q/A
- 3) EVALUATION

6pm to 6:15pm : Certification and Vote of thanks.

DR SUBHENDU SARKAR
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