



ADVANCED SIMULATION

Training in Critical Care (ASTriCC) 2022

St John's Medical College Hospital invites you to a 2 day offline workshop aimed at enhancing the training of Critical Care Practitioners using an *Advanced ICU Simulator*, which provides a near realistic experience of the clinical situation of a Critically ill Patient.

Interactive sessions involving core topics in Respiratory physiology, Mechanical ventilation, Complex Case Scenarios will be discussed using Advanced ICU Simulator and bedside demonstrations.

The advanced ICU Simulator was designed by Indian Institute of Science in collaboration with Department of Critical Care Medicine, St John's Medical College Hospital.

DATE & TIME

March 25th and 26th, 2022

8.30Am - 4.30 PM

VENUE

Dept of Critical Care Medicine, 1st floor

Silver Jubilee Block,

St John's Medical College Hospital

Bengaluru

ASTriCC 2022

DAY 1

How does the Ventilator work?
Phase Variables
Time Constant
Graphics in Volume Control
Graphics in Pressure Control
Stations 1. Phase variables 2. Simulation of Graphics - Volume control & Pressure Control Modes
Ventilation strategies in ARDS (DP, VILI, recruitment etc)
Auto PEEP / DHI – BA, COPD ventilation
Stations – 1. Simulation of Asthma ventilation & Auto PEEP / DHI, ARDS 2. Mechanical ventilation initiation and trouble shooting

DAY 2

High flow Nasal Cannula – Principles, How to use at bedside
Non invasive Ventilation
Patient – ventilator asynchrony
Newer Modes of Ventilation
Stations : 1. HFNC, NIV 2. Patient-Ventilator synchrony, ETCO2 3. Advanced modes of ventilation
Case Scenarios (with Simulator)

Registration Fee- Rs 3500/- (including GST)

Last date for Registration-22/03/2022

MAXIMUM REGISTRATIONS : 30

For Online Registration:

<https://www.stjohns.in/eventdet/2538>

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