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**ONLINE CERTIFICATE
COURSE IN ECMO SPECIALIST**

Training **4** impact

In association with



& International Society
of cardiac Ultrasound (ISCU)



WHO SHOULD ATTEND?

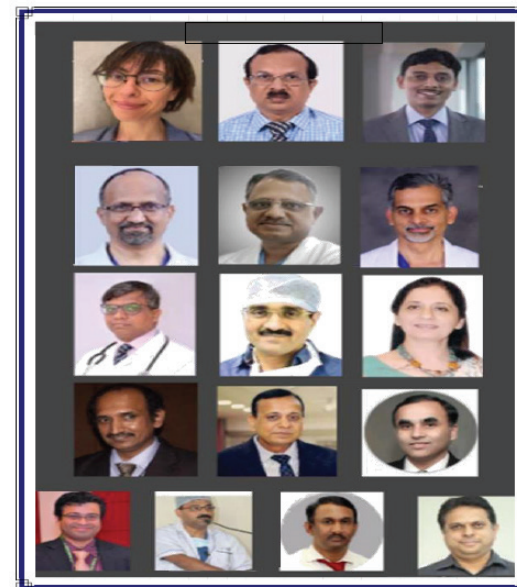
Nurses/ Perfusionist/ MBBS Students & all doctors interested in ECMO Post COVID-19, ECMO Knowledge is Essential.

Duration 3 Months

Starting March 2022

Content and Faculty

- ☑ Online Modules will be provided
- ☑ Expert faculty will deliver the content
- ☑ Online Post live interactive Assessment by The Simulation Society (TSS)
- ☑ Online Certification by The Simulation Society



International Faculties.

National Faculties.



TOPICS TO BE COVERED

Topic

- ECMO Physiology: Essential for Nurses, Perfusionist and Junior Residents
- ECMO Circuit and Hardware
- ECMO Cannulation: Cannulation care at bed side
- Anticoagulation during ECMO and its interpretations
- Complication on ECMO
- Troubleshooting the ECMO
- Monitoring on ECMO
- Heparin alternatives to ECMO
- Weaning and Trial Off and Nurses role
- ECMO Bedside Nursing Care

KEY MESSAGE

01

ECMO has been successfully used in COVID patients, implanted at the right time shown decreased mortality.

02

Knowledge of ECMO nutrition, sepsis, complications with troubleshooting on ECMO are important for successful patient monitoring on ECMO.

03

Timely and regular management and optimization of ECMO and its components in the ICU is a must.

04

Bedside monitoring to be done on a daily basis involves, observing ECMO patient's hemodynamics, coagulation, leg perfusion, gas exchange and neurological surveillance.

05

Monitoring the revolutions per minute of the ECMO pump to rule out drainage insufficiency is the need of the hour.

06

The ECMO physicians and caregivers are a multidisciplinary, efficient team with aggressive knowledge of ECMO and great communication skills.

