



MASTERCLASS IN

CRITICAL CARE MEDICINE

About Us

Medvarsity Online is Asia's largest healthcare Ed-Tech company, with over 2 lakh medical professionals trained and certified. Our partnerships with leading universities globally enable us to present the best courses and faculty to our students and help them meet their learning goals. Medvarsity is on a mission to bridge the gap of skilled medical professionals with over 150 courses in clinical & management areas for doctors, nurses, and general management personnel, covering specialties like Diabetes, Emergency Medicine, Cardiology, Nutrition, Wellness, Healthcare Informatics, Mental Health & more, with all the content being up-to-date.

Medvarsity has presence across 10 locations in India and students across India, Middle East, Africa, and South-East Asia. Our blended training solutions combine the best of traditional e-learning, live virtual classes, clinical bedside learning, mobile learning models to deliver impactful courses to our students.

Course Overview

The course "Master Class in Critical Care Medicine" is designed to address this acute shortage of trained professionals to manage critical care units. It will impart the knowledge and skills needed to provide critical care to patients admitted in the ICU. Experience and knowledge gained from this course will help improve the care delivered not only in the ICU but also to critically ill patients in other areas such as the emergency room, postoperative care unit and in disaster settings. During the course the students will become familiar with the ICU setup, quality and safety needs in the ICU, general principles of critical care and management of specific critical illnesses.

Course Objectives

By the end of the course, the student must be able to:

- Demonstrate appropriate, evidence-based medical practice in the management of critically ill patients.
- Evaluate ICU patients, participate in daily rounds and prioritize the care needs of critically ill patients.
- Demonstrate knowledge and competency in resuscitation skills including advanced cardiopulmonary resuscitation.
- Recall the indications, contraindications, steps, risks, and benefits of bedside ICU procedures.
- Describe the proper handling of invasive monitoring devices used in the critical care unit.

Course Outline

Session 1 – Certificate In Critical Care Medicine (CCM)

- Introduction To Critical Care Medicine
- Resuscitation And Initial Management Of Acutely Ill
- Shock Management
- ICU Investigations
- Acid Base Abnormalities
- Electrolyte Abnormalities
- Nutritional Assessment And Support
- ICU Drugs
- Blood And Blood Products

Session 2 – Advanced Certificate In Critical Care Medicine (ACCM)

- Respiratory Procedures
- Cardiovascular Procedures
- Nervous System Procedures
- Git Procedures
- Genitourinary Procedures
- Anesthesia And Pain Management

Session 3 – Fellowship In Critical Care Medicine (FCCM)

- Cardiovascular Problems
- Pulmonary Problems
- Gastrointestinal Diseases
- Endocrine Disease
- Renal Problems
- Neurological Problems
- Infectious Diseases
- Hematological And Oncological Conditions
- Overdose And Poisoning Cases
- End Of Life Care

Session 3 Includes 3 Months Of Hospital Postings With Training In Critical Care Competencies.



Course Highlights

- Series of three graded courses in critical care medicine
- Designed based on international guidelines on critical care competencies
- Total 50 hours of learning content
- Practical training with 12 weeks skills sessions

Eligibility

Session 1- Physicians (MBBS, AYUSH), Final year medical graduates and interns (MBBS and AYUSH)

Session 2- MBBS graduates and interns

Session 3- MBBS graduates with MCI/State Medical Council registration

Duration:

1 year, 50 Hrs of Learning Content

12 weeks of Skill Sessions

Training and Learning Methodology:

Online Learning

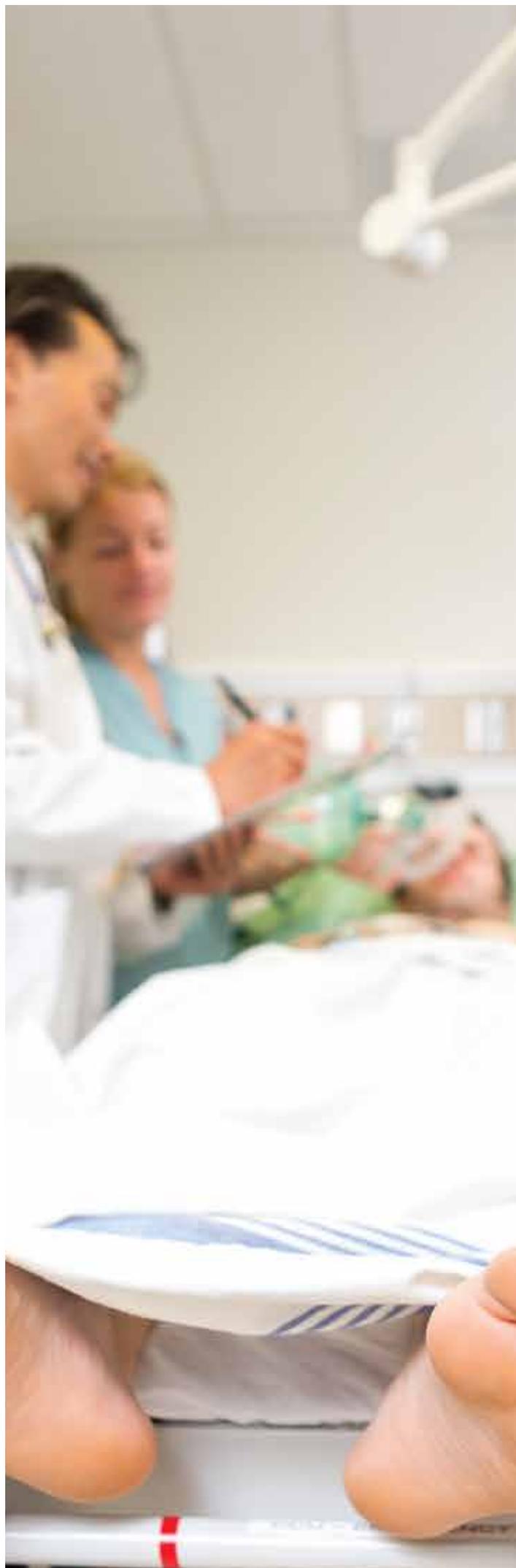
The online learning program will be for a duration of 50 Hours. The online content shall be in the form of e-books, recorded videos of lectures covering the module content supported by live lectures during the contact program. A login username and password will be provided to access the content of the learning management system. You can access the course content on a computer or mobile phone at your convenience.

Live Virtual Classes (Webinars)

With healthcare industry undergoing so many advancements, staying updated about latest trends, technologies and guidelines have become vital. Additionally, having these updates through a healthy discussion with experienced clinicians will be the focus of our learning curriculum. Live virtual classes will provide an opportunity for the participants to listen to expert presentations and interact with them through webinars.

Assessment & Certification

- The course is divided into 3 Sessions each having an assessment. All these assessments are online and objective.
- The final examination will be conducted online at the end of 1 year following the completion of all the Module tests.
- A minimum of 60% is required in all the module tests and the Final Test to be eligible for certification
- On successful completion of the final exam, candidates will be awarded certificate by Medvarsity.





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