



ADVANCED FELLOWSHIP 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 Advanced Fellowship in Critical Care Medicine (AFCCM) is a one-year intensive blended learning course that will provide medical graduates the comprehensive knowledge and skills required to manage critically ill patients. Students will learn theoretical aspects of critical care medicine online during the 12-months, while getting practically trained in critical care units of a leading tertiary care hospital under expert intensivists. You will be rotated in various critical care/high dependency units of the hospital and manage various kinds of critically ill patients. After passing all the online theory modules, there will be final clinical evaluation at the end of 12-months of training. Those who successfully pass this exam, will receive the Advanced Fellowship in Critical Care Medicine certificate from Medvarsity and Apollo Hospitals Educational & Research Foundation (AHERF).



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

Module 1 – Fundamentals of Critical Care (3 months)

- 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

Module 2 – Critical Care Procedures (3 months)

- Respiratory procedures
- Cardiovascular procedures
- Nervous system procedures
- Git procedures
- Genitourinary procedures
- Anesthesia and pain management

Module 3 – Critical Care Conditions (6 months)

- 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



Course Highlights

- Designed based on international guidelines on critical care competencies
- Total 50-hours of online learning content
- 12-months of skills training in critical care units of a leading hospital
- Get enabled to save lives of critically ill patients

Eligibility

- MBBS AND ABOVE WITH VALID MEDICAL COUNCIL REGISTRATION.

Duration

- 1-year full time hospital-based program

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 covering the module content. 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.

Contact Program

During the 1 year contact program, the candidate will be posted in accredited hospitals to gain a hands-on training experience under the expertise of trained Critical Care Specialists.

Assessment & Certification

- All the assessments are online and objective.
- The final examination will be conducted online at the completion of all the modules.
- A minimum of 60% is required in 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 and AHERF.