FELLOWSHIP IN
INTENSIVE CARE MEDICINE
About Us
Medvarsity, India's first Medical e-learning venture was established in 2000 by the Apollo Hospitals Group. Medvarsity online has over 35,000+ certified graduates. The courses are exclusively designed by doctors, for doctors comprising of 20,000 hours of content with over 7,000 active learners and course accreditation by leading global partners. It has around 40+ training centers spread across the country. The students of Medvarsity come from over 20 countries and at any point in time, there are over 8,000 students that stay connected and engaged with Medvarsity.

With the increase in internet penetration, higher acceptance of online learning methods and staking gaps in healthcare education, Medvarsity is well positioned to become the most relevant knowledge portal for the healthcare professionals.

Course Overview
The Fellowship in Intensive Care Medicine course by Medvarsity is designed to impart knowledge and skills about intensive care of the 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 intensive care and management of specific critical illness.

Course Objectives
• Acquire sufficient clinical experience and technical skill to identify and handle complex clinical problems and diseases encountered in the intensive care unit.
• Acquire knowledge and mastery of the medical technology used in the intensive care units.
• Acquire knowledge of appropriate ethical standards and ability to cope with the psychological and social effects of critical illness on patients and their relatives.
• Acquire the ability to take full responsibility for the quality of treatment and care of the critically ill patient.
• Acquire the ability to work in a multi-disciplinary team.
• Acquire knowledge of contemporary research fields.

Course Outline
Session 1
Introduction to Intensive Care, Respiratory, Cardiovascular and Neurological Disorders
Introduction to Intensive Care:
Introduction, Historical perspective, Organization of ICU, Policies and procedures, Documentation, Clinical handover
Respiratory disorders:
Pulmonary edema, Adult Respiratory Distress Syndrome (ARDS), Asthma, Chest trauma, Ventilator therapy
Cardiovascular Disorders:
Shock, Heart Failure, Cardiac Arrhythmias, Aortic Dissection, Hypertensive crisis, Cardiac Emergency Management
Neurology Disorders:
Coma, Head trauma, Cerebrovascular accidents-Stroke, CNS infections, Spinal cord injury

Session 2
Renal Disorders, Metabolic and Nutritional Disorders, Hematological Disorders
Renal Disorders:
Oliguria, Acute Renal Failure
Metabolic and Nutritional Disorders:
Fluid Electrolyte, Acid-Base Disorders, Endocrine Disorders, Diabetic Comas
Hematological Disorders:
Disseminated Intravascular Coagulation, Hemolytic Uremic Syndrome, Blood Component Therapy

Session 3
Infectious Disorders, Gastrointestinal Disorders, Obstetric Disorders
Infectious Disorders:
Infections in the immunocompromised patient, Antimicrobial Therapy
Gastrointestinal Disorders:
Acute Pancreatitis, Acute Liver Failure, Spontaneous Bacterial Peritonitis, Bowel Obstruction, Abdominal Trauma
Obstetric Disorders:
Preeclampsia, Eclampsia, Amniotic Fluid Embolism

Session 4
Environmental Hazards, Toxicology, Poisoning Disorders, General Disorders
Environmental Hazards:
Burns, Hypothermia, Radiation Injuries, Chemical Injuries
Toxicology, Poisoning Disorders:
Poisoning and drug overdose, Drug Reactions, Anaphylaxis
General Disorders:
Analgesia Sedation, Muscle Relaxants, Multiple Trauma, Transport of Critically Ill patient

Course Highlights
• 230 Hrs (Learning Content) & 2 weeks of Skill Sessions
• Clinical training by subject experts
• Live Virtual classes throughout the course
• Rotational Internship ICU at flagship hospitals
Eligibility
MBBS Graduate

Duration:
6 months, 230 Hrs (Learning Content) & 2 weeks of Skill Sessions

FEE
50,000/+-
*Statutory taxes and levies not included. Taxes will be applied on checkout. Rates may vary based on management discretion.
*Payment assistance offered by external financial institutions.

Training and Learning Methodology:
Online Learning
The online learning program will be for a duration of 230 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 4 study modules each having an assessment. All these assessments are online and objective.
The project work during the course is mandatory.
The final examination will be conducted online at the end of one year following the completion of all the Module tests and project work.
A minimum of 50% 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 Diploma by Medvarsity.