



Critical Care Medicine

Description:

- Observe ICU protocols and management
- Order investigations and follow ups
- Observe and assist in various procedures in intensive care.
- Observe procedures like ABG, intubations etc under supervision
- Attend theaters and observe various anesthetic procedures.
- Assist in monitoring intra op and post op patients.
- Be a part of team for Daily rounds in ICU

Modules:

Module 1: General Principles & Foundations of Critical Care

- Shock – pathophysiology, clinical features, and management
- Organ failure – concept and management
- Point of care investigations
- Point of care ultrasound (POCUS)

Module 2: Cardiovascular Emergencies

- Acute Decompensated Heart Failure
- ST Elevation Myocardial Infarction (STEMI) & Code STEMI

Module 3: Respiratory & Pulmonary Critical Care

- Acute Lung Injury (ALI) & Acute Respiratory Distress Syndrome (ARDS)

Module 4: Neurological & Trauma Emergencies

- Acute Brain Injury
- Code Stroke
- Approach to Trauma – Principles of ATLS

Module 5: Hepatic, Renal & Toxicological Emergencies

- Acute Liver Failure
- Acute Kidney Injury
- Approach to Toxicology – Concept of Toxidromes

Module 6: Infectious Diseases, Ethics & Holistic Care in ICU

- Tropical infections in ICU – Syndromic approach to differential & management
- Structured communication in critical care
- Compassion, empathy, mindfulness, and prevention of burnout
- Organ donation & management of the brain-dead organ donor