

## 24X7 EMERGENCY SERVICE



A 24x7 emergency service encompasses round-the-clock medical, disaster, or infrastructure response. It provides rapid triage, advanced life support, and continuous monitoring to stabilize crises. Facilities include dedicated resuscitation bays, emergency OTs, and dispatch call centers

### Scope of Services

- Accident Care
- Cardiac & Neuro Emergencies
- Disaster Response
- Specialized Emergencies

### Facility

- Triage & Resuscitation Bays
- Advanced Diagnostics
- Emergency Surgery & OT
- ICU & HDU Integration

## 24X7 DIALYSIS SERVICES



24x7 dialysis services provide continuous, round-the-clock kidney care to manage End-Stage Renal Disease (ESRD), acute kidney injuries, and electrolyte imbalances. These specialized units ensure patient safety through advanced monitoring equipment, multidisciplinary nephrology teams, and strict infection control protocols available at any time.

### Scope of Services

- Hemodialysis (HD)
- Peritoneal Dialysis (PD)
- Emergency Dialysis
- SLED (Sustained Low-Efficiency Dialysis)
- Plasmapheresis

### Facility

- Advanced Dialysis Machines
- Reverse Osmosis (RO) Water Plants
- Emergency Resuscitation Carts
- Backup Power & Utilities
- Infection Control

## 24X7 BLOOD BANK SERVICES



A 24x7 blood bank provides uninterrupted access to life-saving transfusion services. Facilities handle voluntary donations, blood component separation (plasma, platelets), and rigorous screening. Operating round-the-clock, they support trauma emergencies, major surgeries, and chronic blood disorders.

### Scope of Services

- Donor Management
- Transfusion Services
- Blood Safety Screening
- Adverse Event Management

### Facility

- Component Processing Lab
- Storage & Cold Chain
- Emergency Distribution
- Quality Control Unit

## 24X7 LABORATORY SERVICES



A 24x7 laboratory provides round-the-clock diagnostic support, ensuring immediate specimen processing and rapid reporting for emergency and routine care. The facility operates continuously to aid in timely diagnosis, critical value communication, and effective treatment planning for both inpatients and outpatients.

### Scope of Services

- Clinical Biochemistry
- Hematology
- Microbiology
- Clinical Pathology
- Immunology & Serology
- Transfusion Services / Blood Bank
- Anatomic Pathology

### Facility

- Automated Analyzers
- Point-of-Care Testing (POCT)
- Quality Assurance (QA)
- Staffing Models
- Critical Value Protocols

## **INTENSIVE CARE UNITS(ICU,ICCU,NICU,PICU,SICU)**

Intensive Care units:

- ICU (Intensive Care Unit)
- Neurosurgery (Intensive Care Unit)
- ICCU (Intensive Coronary Care Unit)
- RICU (Respiratory Intensive Care Unit)
- NICU (Neonatal Intensive Care Unit)
- PICU (Paediatric Intensive Care Unit)
- SICU (Surgical Intensive Care Unit)

All the intensive areas (ICUs) are well equipped with equipment of state of art technology i.e. Ventilators, defibrillators, monitors, central oxygen and suction supply. An anaesthesiologist and Trained nursing staff is available for 24 hours in all ICU units.

### **Scope of Services**

- Cardiovascular
- Neurological
- Respiratory
- Surgeries
- Infections

### **Facility**

- Monitoring Systems
- Respiratory Support
- Life Support Devices
- Medication Delivery
- Emergency Tools

# **BURN UNIT**

A Burn Unit is a highly specialized, self-contained facility designed to treat severe burn injuries. Care scopes from emergency resuscitation to long-term rehabilitation. Facilities feature strict infection control, dedicated ICUs, surgical theaters, and specialized therapy teams.

## **Scope of Services**

- Emergency Resuscitation
- Critical Care
- Surgical Intervention
- Rehabilitation

## **Facility**

- Burn Intensive Care Unit (Burn ICU)
- Hydrotherapy & Dressing Rooms
- Dedicated Burn Operating Theatres
- Rehabilitation & Therapy Area
- Zoned Layout
- Multidisciplinary Team