



Exceptional Quality Care

**KDCH
CRITICAL
CARE**



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KDCH CRITICAL CARE

KDCH boasts of a well equipped and well staffed critical care unit, which in fact makes KDCH the pioneer in critical care in the cooperative sector. The unit excels in providing high quality, comprehensive, evidence based, multi disciplinary and safe critical care to its patients, a facility long present only in the multispeciality tertiary corporate hospitals, but lacking in government and cooperative sector.

The ICU is managed by a well trained team of doctors and nurses, under the leadership of a dedicated Intensivist, all of whom are BLS and ACLS compliant. All the ICU physicians, who are available 24x7 in the ICU, are well trained in performing advanced procedures including central venous access, endotracheal intubation, arterial line placements, placements of catheters and tubes for removal of pleural and ascitic fluid etc. The physicians and staff are experienced in use of ventilators and other equipment needed to manage the critically ill patients.

The multidisciplinary ICU is capable of providing care to all medical and surgical patients, including sepsis with multiorgan failure, ARDS and respiratory failure, critically ill surgical patients and polytrauma victims. The team is well versed in advanced ventilation techniques such as prone ventilation, in renal replacement therapy including SLED and also Plasma Exchange therapy.

The services of a well qualified and experienced team of surgical and medical specialists and super specialists is available on consultation. Apart from nurses and physicians, the team also has a respiratory therapist, physiotherapist, dietician and clinical psychologist involved in providing comprehensive daily care to the patients. Services of a trained medical social worker is available for the family of the patients to help them deal with the stress of a loved one being critically ill.

The unit is adequately staffed to maintain nursing ration of 1:1 for sick ventilated patients and 1:2 for other patients as per international standards. The mandate of the critical care unit also includes patients requiring close monitoring and advanced nursing care.

KDCH critical care believes that clear communication with the patients' loved ones regarding their clinical condition, plan of treatment and response to treatment is an important component of ICU stay. Therefore, special emphasis is placed on explaining these details in a caring atmosphere. The team regularly communicates with the family of the sickest patients multiple times everyday in a room specifically designated for the purpose.

Some of the facilities available in the unit include:

- Spacious 12-bed unit with 2 isolation rooms
- Central oxygen, air and suction at all beds
- Advanced multiparameter monitors at all beds with facility of central monitoring from nurses' station
- Pressure redistribution mattress systems at all beds to prevent pressure sores
- End tidal CO2 monitoring
- Advanced ICU ventilators with newer modes of ventilation (BILEVEL, APRV, PAV, TC, VS)
- Advanced Non-invasive ventilators
- Bedside ventilators compatible with tracheostomy
- High Flow Nasal Canula device with high-flow (70 L/min) oxygen flow meter
- Infusion pumps and syringe pumps for precision drug administration
- Portable point of care ultrasound and echocardiography facility
- Advanced hemodynamic monitoring
- Portable ventilator for safe transfer of patients to radiology and endoscopy
- Bedside ABG analysis
- Bedside EEG
- Bedside hemodialysis and SLED
- Bedside bronchoscopy, GI endoscopy
- Pneumatic Compression devices for mechanical DVT prophylaxis
- Bronchoscope and USG guided percutaneous tracheostomy
- Comfortable counselling room for discussion with family
- Multidisciplinary team of ICU physicians, specialist doctors, ICU nurses, respiratory therapist, dietician, physiotherapist, clinical psychologist and medical social worker.

While providing high quality care, the KDCH critical care can lay claim to being the most affordable such unit in terms of cost. The facilities and services available at KDCH critical care unit are at par with other tertiary care hospitals. Yet, the factor that differentiates it from the rest is the ability to provide the same level of care at a fraction of the cost incurred at other centres. Affordable high quality critical care is the motto which leads KDCH critical care forwards

Panel of Doctors:

Dr Sajith Damodaran

MD, DNB, IDCCM, EDIC

Dr Sajith Damodaran is an intensivist with more than 7 years of experience in critical care. He holds post graduate qualification in Anaesthesia and fellowship and international diploma in intensive care. Before joining KDCH, he has worked in different tertiary hospitals in India and abroad. He has extensive experience in managing patients with severe multiorgan failure, advanced ventilator management, diagnostic and therapeutic ICU procedures etc. His areas of interest include airway and ventilator management and sepsis.

Dr. Arunjith G MBBS

Dr. Dintu Dinesh MBBS

Dr. John Paul Jose MBBS

Dr. Shafneeth N MBBS

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