

- Management of complicated cases of pneumonias and meconium aspiration
- Persistent pulmonary hypertension
- Assessment and treatment of neonatal seizures, haematological and metabolic conditions
- Care of the extremely premature and low birth weight babies

### PICU- Paediatric Intensive Care Unit



6-bedded multidisciplinary PICU

### Paediatric Trauma Care

Facilities available for handling kids with multiple trauma by paediatric trauma team (intensivists, surgeons, orthopaedic surgeons, rehabilitation specialists).

### Paediatric Surgeries

State-of-art facilities to carry out and manage all kinds of complex neonatal and paediatric surgeries required in children. Apart from accidental trauma and various congenital anomalies, common paediatric diseases that may require paediatric surgery include:

- Congenital malformations: lymphangioma, cleft lip and palate, oesophageal atresia and tracheoesophageal fistula
- Hypertrophic pyloric stenosis
- Intestinal atresia
- Necrotizing enterocolitis
- Meconium plugs

- Hirschsprung's disease
- Imperforate anus
- Paediatric urosurgeries like circumcision, pyeloplasty, etc.
- Undescended testes abdominal wall defects
- Childhood tumours: like neuroblastoma, Wilms' tumour, rhabdomyosarcoma, ATRT, liver tumours, teratomas

### Follow-up of High-risk NICU Graduates

This includes dealing with:

- Developmental care in the nursery
- Utilizing neonatal brain imaging to predict neurodevelopmental outcomes of NICU infants
- Genetic considerations in infants with congenital anomalies
- Issues common in neurodevelopmental testing of premature infants
- The impact of environmental risks, such as parental distress and in-utero drug exposure, to infant neurodevelopment
- Rehabilitation of high-risk neonates through physiotherapy, occupation therapy, sensory integration, early stimulation therapy

### Transport of sick babies

We have fully-equipped ambulance with all facilities for paediatric patients.

**Book an Appointment :- 079-66770000**



## Kusum Dhirajlal Hospital

Vaishno Devi Circle, S.G. Road, Ahmedabad - 382421



**KD Hospital**

कुसुम धीरजलाल हॉस्पिटल



## Neonatal & Paediatric Department (KD Kids)

"Kids deserve to be happy, healthy, & safe"

**Emergency +91 79 6677 0001**



The Paediatric department at KD Hospital not only manages the medical conditions affecting babies and children, but also provides comprehensive care. Neonatal specialists are available for providing medical care to newborn infants, especially the ill or premature newborn infants. Other facilities available include:

- Children friendly waiting area
- Vaccination clinic
- Paediatric asthma clinic
- Paediatric epilepsy clinic
- Adolescent clinic

### **Antenatal Counselling and Intervention**

For high risk pregnancies and expected premature babies, prior in-detail counselling by neonatal intensivist for planning medical and surgical care for neonates is provided.

### **Immunization in Kids**

We believe that every child has the right to health and life. It is their right to be free of preventable diseases through right vaccination at the right time.

### **Developmental Paediatrics**

We have specialists with interest, training, and experience in the development of children: their growth milestones, their knowledge and skills acquisition, their behaviour and socialisation. Our pursuit is to understand children from a medical point of view, in order to determine the reasons for different problems of development and behaviour and use medical treatments, diagnosis, advocacy, and specific recommendations for treatment.

### **Paediatric Cardiology**

We aim to provide a complete spectrum of medical and surgical services for children in a child-friendly environment. Different services available include:

- Interventional paediatric cardiology - for non-surgical repair of congenital heart defects
- Devices to close holes in the heart
- Valve replacements
- Inflated balloons to enlarge narrow vessels
- Cardiovascular surgeries for all kinds of heart defects (major and minor)

### **Paediatric Neurology**

We offer evaluation and management of children with diseases affecting nervous system and muscles such as:

- Epilepsy
- Headaches
- Meningitis
- Movement disorders
- Traumatic brain injuries
- Brain development disorders
- Childhood stroke

### **Neuro Critical Care facilities include:**

- Bedside electroencephalogram (EEG)
- Advanced cerebrospinal fluid (CSF) monitoring

### **NICU- Neonatal Intensive Care Unit**



We have fully-equipped, “state of the art” level III NICU set up, with attached perinatal centre including foetal medicine & high risk obstetrics & IVF under one roof. Facilities at our NICU include:

- In-utero transfer for high risk obstetric patients
- 24x7 consultant presence on site

- Conventional ventilator, high frequency ventilators, and inhaled nitric oxide therapy
- Non-invasive ventilator facilities, like Bubble-CPAP (continuous positive airway pressure), Airvo 2
- Central O<sub>2</sub>, compressed air system, & central suction system
- Continuous haemodynamic monitoring; multipara monitor
- In house arterial-blood gas (ABG), lab, and radiological facilities

### **Point of Care**

- Neonatal ventilation
- Surfactant administration
- Dedicated neonatal probes for echocardiography & neurosonogram of newborn babies
- Bedside electroencephalogram (EEG) facility
- Laminar flow facilities for total parenteral nutrition (TPN) and intravenous (IV) preparation
- In-house otoacoustic emissions (OAE)
- In-house screening and treatment of retinopathy of prematurity (ROP)
- Early stimulation therapy in NICU
- Phototherapy in case of neonate jaundice
- Exchange transfusion
- Invasive blood pressure monitoring
- Lactation management

### **Our neonatologist treats the following conditions that may arise after delivery of a new born:**

- Birth asphyxia and Respiratory Distress Syndrome
- Congenital heart disease and other surgical emergencies
- Diagnosis and evaluation of jaundice, pneumonia