BLK Centre for Child Health

BLK Super Speciality Hospital
Pusa Road, New Delhi - 110005 (India) www.blkhospital.com

24-Hour Helpline: 011-30403040
BLK Centre of Neonatal, Paediatric and Adolescent Medicine is one of the most specialised advanced centres in India. Equipped with state-of-the-art technology and world-class facilities, a highly experienced team of medical experts work in synergy to provide the best possible personalised care. Our dedicated team of Paediatric specialists are internationally recognised for their pioneering work in a wide range of Paediatric diagnostics and procedures. With an extensive experience of countless successful cases, we continue to provide world-class healthcare services for your children.

**Introduction**

BLK Centre of Neonatal, Paediatric and Adolescent Medicine has been conceived to provide personalised and inclusive care for entire range of Paediatric specialities. The Centre has highly competent and experienced Paediatric Super Specialists to provide best quality services under one roof.

Our specialists from various Units work closely as a team to provide comprehensive, multi-speciality care in several areas for patients with simple to complex infections, from Pneumonias to complicated Pneumonias needing Interventions and Ventilation; from Developmental Delay to Degenerative Neurological Disorders; from persistent Gastrointestinal Disorders to Storage Disorders; from acute Liver Infections to Hepatic Failure and Liver Transplants; from Nutritional Anaemias to Haemolytic Anaemias needing BMT; from minor surgical conditions to rare surgical conditions including separation of Conjoined Twins; from Urinary Infections to Haemodialysis & CRRT; from Allergies and Asthma to Foreign Body Aspirations and Sleep Disorders.

Infact, the complete range of Neonatal, Childhood and Adolescent Disorders and Diseases can be managed at our Centre.

The Centre is ably supported by state-of-the-art Diagnostics, Blood Bank, 9 bedded Paediatric Intensive Care Unit and 24x7 Emergency service facilities to ensure that the entire medical needs of our patients are handled meticulously.
Our Centre | BLK Centre of Neonatal, Paediatric and Adolescent Medicine is one of the most comprehensive Centres for child care in the entire region, offering excellent services.

In the eight years of its existence, our Centre has progressed to be included amongst the topmost Paediatric institutions of Delhi & NCR. Besides clinical work, the Centre also imparts medical education through training courses.

The Centre is managed by a highly experienced team of specialised Intensivists, Neonatologists, Neonatal Nurses and allied Health Specialists. Every year, the Centre witnesses numerous admissions with a wide range of complex medical and surgical problems.

Specialities | The Centre offers speciality services which are guided by well trained and experienced Paediatric Super Specialists. They work in tandem as a team to offer multi-speciality child care.

Our various Super Specialities are:
- General Paediatrics
- Neonatology
- Paediatric Critical Care
- Paediatric Pulmonology
- Paediatric Surgery
- Paediatric Neurology
- Paediatric Nephrology
- Paediatric Gastroenterology and Hepatology
- Paediatric Dermatology
- Paediatric Endocrinology
- Adolescent Medicine
- Developmental Paediatric
- Paediatric Psychology
- Paediatric Occupational Therapy and Rehabilitation
- Lactation Counselling Services
General Paediatrics

General Paediatrics forms the backbone of BLK Centre of Neonatal, Paediatric and Adolescent Medicine. The Unit comprises of both OPD and In-patient Department services and offers the following services:

- Well Baby Clinic
- Immunization Devices
- Growth and Developmental Clinic
- IPD Services

Complicated cases where super specialities are required, the General Paediatrics Unit ensures smooth streamlining of inter department coordination for diagnosis and treatment. The division of General Paediatrics provides round-the-clock care for children from birth to adolescence.

Neonatology

The Neonatal Unit offers a wide range of services for complex medical and surgical neonatal problems, overseen by an excellent team of Neonatologists, Neonatal Nurses and allied Health Specialists. The care of patients in the Unit involve extensive co-operation with many other teams and departments within the hospital.

The Neonatology Unit has 3 separate areas consisting of ICU (Intensive Care Unit), step down nursery for inborn babies and an isolation area for babies who require special care. It also has a state-of-the-art Foetal and Paediatric Cardiology Department where Foetal Echocardiography is done for high risk pregnancy.

Paediatric Critical Care

The Paediatric Critical Care Unit provides world-class services and care to children with life threatening medical and surgical conditions. Our facility is well-equipped and staffed to provide round-the-clock management of critically ill infants, children and adolescents. The Unit is managed by Board-certified Paediatric Intensivists who provide 24 X 7 in-house specialised care to critically sick children. We have a nationally recognised Extracorporeal Life Support Program for children who need life-sustaining Heart and Lung support. Equipped with advanced technology, our multidisciplinary team provide comprehensive Psychological Health, Physiotherapy and Palliative Care.

These tests give an insight not only into the cardiac problems during antenatal period, but also the non-cardiac issues which could have a major impact on the management of the baby. All babies born in our hospital are subjected to OAE (Otoacoustic Emission) test for detecting hearing loss.

Services Provided:

- Radiant Warmers and Incubators
- Multi-Monitor
- Neonatal Ventilator, Oscillator or ‘High Frequency Oscillatory Ventilator’ (HFOV)
- A "blender" which mixes pure oxygen and air (or other gases) in precise ratios and delivers the resulting mixture to the baby
- T-piece Resuscitator or NeoPuff
- Invasive Blood Pressure Monitoring
- LED Phototherapy Lights and Biliblankets
- Bedside EEG and Video EEG Monitoring
- Bedside ECHO and Ultrasonography
- Bedside Screening and Treatment for ROP
- Bedside PDA Ligation Facility
- ECMO
- Neonatal Flexible Bronchoscopy
- Transport Incubator and Ventilator
- NNF (Neonatal Fellowship Programme) for Paediatric Resident and Nurses
- 24x7 Transport services (Road and Air Transport services)
Paediatric Pulmonology is one-of-its kind Unit offering comprehensive facilities for children with various respiratory problems from newborns till adolescents.

We offer care to patients with Chronic Cough, Atypical under five wheezes, difficult-to-control Asthma, Tuberculosis with complications, Drug Resistant Tuberculosis, Recurrent and Persistent Pneumonia, Interstitial Lung Disease, Suppurative Lung Disease including Bronchiectasis, Cystic Fibrosis, Neuromuscular or Neurological disorders associated Respiratory problems, etc.

We also provide treatment of airway foreign bodies along with our Paediatric Surgery team.

Our services include:


Paediatric Surgery

Our Paediatric Surgeons are proficient in performing Paediatric Surgical and Urological procedures. They work in complete coordination with other specialties like Neonatology, Paediatric Intensive Care, Paediatric Nephrology, Paediatric Oncology, Paediatric Gastroenterology and Paediatric Cardiology to provide comprehensive surgical care.

We have special expertise in treating various Urological, Gastrointestinal and Thoracic Congenital anomalies requiring complex reconstruction surgeries. Our focus is on a wide range of Urologic problems affecting children, including obstructions in the Urinary Tract, Incontinence, Vesioureteral Reflux, Hypospadias, Undescended Testis, Genital abnormalities and Tumours of the Kidney. Advances in technology and instrumentation have made more and more Laparoscopic and Endoscopic Urological surgeries possible in children, eliminating many other problems associated with open surgeries.

Our services include:

- Paediatric Laparoscopy
- Paediatric Urology
- Day Care Surgery
- Neonatal Surgery

24 X 7 on Wheels, Just A Call Away

Our Paediatric Critical Care Transport services are led by specially trained Paediatric / Neonatal critical care personnel, supported by an experienced nurse who provides the highest level of medical monitoring and care throughout the transport.

The transport team carries out physical examination of the child, takes a complete report from the prior medical team, stabilises the patient and then determines a safe transport in line with further care plan. The advanced life support ambulance provides the ambience of intensive care area with the Transport Ventilator (Neonatal / Paediatric), Cardiac Monitor, Defibrillator, Resuscitation Drugs, Infusion and Syringe Pump, customised to handle newborns and small children as well.

Newborn babies (up to 4 weeks old) are placed in the transport incubator to protect and keep them warm while travelling. These special beds have all the medical equipments needed for close monitoring and treatment while being transported.

Our Critical Care Transport services include:

- Ambulance with ICU facilities
- Ambulance with Ventilator
- Basic Life Support Ambulance
- Advanced Care and Life Support
- Neonatal Transport
Paediatric Neurology

Our Paediatric Neurology Unit diagnose and offers treatment for disorders of the Brain, Spinal Cord, Nerves, Neuromuscular Junction, Muscles and Neurotransmitters. Paediatric Neurologists at the Centre work cohesively to provide the most compassionate and up-to-date care for children with Paediatric Neurological disorders like Epilepsy, Movement Disorders, Stroke, Neuromuscular Disorders / Muscle Dystrophies, Demyelinating Disorders, Cerebral Palsy, Neuro-metabolic Disorders, Headaches, Ataxias, Autism, etc.

The Centre provides services like: Video EEG, NCS / EMG, Muscle / Nerve / Skin Biopsy, selected Genetic Studies and Paediatric Sleep Study. As part of the treatment plan, various dietary therapies (Ketogenic Diet and Modified Atkins Diet) are also being offered to Epilepsy patients.

Our Paediatric Neurology team works closely with the Neurosurgeons, Neonatologists and Paediatric Intensivists, offering advanced medical care and rehabilitation services for chronic and disabling conditions, acute illnesses and injuries.

Paediatric Nephrology

Paediatric Nephrologists at the Centre care for children with diseases of the Kidney, including Acute Renal Failure, Chronic Kidney Diseases, Haematuria, Proteinuria, Kidney Stones and Hypertension. Kidney Diseases in children are common and require expert care.

Services at the Nephrology Unit include, Renal Biopsy to diagnose Kidney Disorders, Haemodialysis, Continuous Renal Replacement Therapy (CRRT) and Continuous Ambulatory Peritoneal Dialysis (CAPT) for children with permanent Kidney failure.

The Centre is recognised for Kidney Transplant services and provide them in a professional and affordable manner.

Paediatric Gastroenterology and Hepatology

Our Paediatric Gastroenterology and Hepatology Unit provides comprehensive evaluation, diagnostic procedures and therapy for infants, children and adolescents with disorders of the Stomach, Intestines, Colon, Liver, Pancreas and Nutrition. The Unit has top-end Paediatric Endoscopy services which include: upper Gastrointestinal Endoscopy, Colonoscopy, ERCP and Capsule Endoscopy.

Paediatric Dermatology

The Paediatric Dermatology Unit provides all skin-related services to children from birth till adolescence. These services cover Skin Biopsy including Biopsies of Scalp and Mucosa. Other Dermatological procedures include, Electrofulgaration of Warts, Skin Tags, Molluscums and Chemical Cauterisation. Acne procedures like Comedones Extraction and Chemical Peels are also performed here. Laser services are offered for Hair Removal and Birth Marks.

Services and treatment available at our Unit:

- Growth Disorders
- Short and Tall Stature
- Obesity
- Thyroid Disorders
- Early or Delayed Puberty
- Diabetes Mellitus
- Disorders of Development Organs or Genitalia
- Metabolic Bone Diseases and Calcium Disorders
- Hirsutism and Polycystic Ovarian Disease in Adolescents

Paediatric Endocrinology

With an expert team of doctors and dedicated nurses, the Paediatric Endocrinology Unit offers diagnostic services and treatment for Endocrine Disorders in children and adolescents.

Some of the common and complex disorders managed at the Unit include:

- Chronic Abdominal Pain, Diarrhoea, Constipation and Vomiting
- Celiac Disease and other forms of Chronic Diarrhoea and Malabsorption
- Gastrointestinal Bleeding
- Inflammatory Bowel Disease
- Cholestatic Jaundice
- Acute and Chronic Liver Disease including Hepatitis and Disorders requiring Liver Transplantation
- Neonatal Liver Disease
- Acute and Chronic Pancreatitis
- Biliary Tract Disease
- Short-bowel Syndrome
- Complex nutritional problems requiring specialised tube feeding
Our Centre is supported by International Board Certified Lactation Consultants (IBCLC), who help mothers and families in achieving their breastfeeding goals.

The best time to seek counselling services is late antenatal period where the expert provides the mother with evidence based information about:

- The risks of not breastfeeding and the significance of breastfeeding for the mother and child
- Impact of various healthy birth practices in initiation and maintenance of breastfeeding
- Basics of positioning and latching on the body for effective breastfeeding
- Steps to take in case of maternal infant separation, if expecting a premature or special needs baby, etc.

Post-delivery, our breastfeeding support staff help mothers to deal with all the issues related to breastfeeding and also address initial concerns like sore nipples, poor milk supply, engorgement, etc.
Where passion meets healing