

# Apple Children Hospital



Emergency & Availability Of  
Neonatal & Paediatric Intensivists

OPD Services: Monday – Saturday  
Morning: -----09:00 a.m. To 1:00 p.m.  
Evening: -----05:00 p.m. To 8:00 p.m.



35 Bedded Neonatal & Paediatric  
Care Center





## Apple Children Hospital Consultants

### Dr. Hemant S. Patel

**MBBS** – B.J. Medical College, Ahmedabad  
**MD (Paediatrics)** – Civil Hospital, Ahmedabad  
**F'ship in Neonatology (IAP)** – Nirmal Hospital, Surat  
**Experience** - 7 years



### Dr. Priyank B. Patel

**MBBS** – B.J. Medical College, Ahmedabad  
**DCH** – V.S. Hospital, Ahmedabad  
**PFCCS**  
**Registrar** – Anand Children Hospital, Surat  
**Experience** - 7 years



### Dr. Keyur B. Patel

**MBBS** – B.J. Medical College, Ahmedabad  
**MD (Paediatrics)** – V.S. Hospital, Ahmedabad  
**Experience** - 3 years







## Apple Children Hospital Facilities

- ✓ **35 Bedded Neonatal & Paediatric Care Centre**
- ✓ **OPD Services**
- ✓ **24 x7 Emergency**
- ✓ **24 x7 Availability of Neonatal & Paediatric Intensivists**
- ✓ **Highly Equipped NICU**
  - High Frequency Ventilator(HFOV)
  - Conventional Ventilator
  - Non Invasive Ventilation: Bubble CPAP, SiPAP, High Flow O2
  - Servo Controlled Radiant Warmer
  - LED Phototherapy
  - Mira Cradle for Therapeutic Hypothermia
  - Multipara Monitors
  - Syringe Pumps & Volumetric Pumps
  - Transilluminator
  - Surfactant Therapy
  - Exchange Transfusion
  - Parenteral Nutrition
  - Kangaroo Mother Care(KMC)
- ✓ **Highly Equipped PICU**
  - Ventilator
  - Multipara Monitors
  - Syringe Pumps & Volumetric Pumps

- ✓ **General, Semi Deluxe & Deluxe Rooms**
- ✓ **Central Oxygen, Compressed Air & Suction**
- ✓ **In - house X-ray, Ultrasonography & 2 D echo**
- ✓ **In - house Pharmacy (Aarogya Lakshmi Medical Store)**
- ✓ **In - house ABG Analyzer**
- ✓ **24 x7 Laboratory back up**
- ✓ **24 x7 Ambulance service with Neopuff, Multipara Monitor, Embrace Nest & accompanied Intensivist & trained staff**
- ✓ **Breastfeeding & Lactation management support**
- ✓ **Newborn screening**
- ✓ **Neuro developmental assessment of High risk NICU graduates**
- ✓ **Vaccination**
- ✓ **Generator(Auto), UPS backup**
- ✓ **CCTV surveillance**





## Respiratory Support

- ✓ High Frequency Ventilator ( Fabian – Acutronic)
- ✓ Conventional Ventilator ( Fabian – Acutronic , IX5 – Care Fusion)
- ✓ Non Invasive Ventilation – SiPAP,Bubble CPAP and High Flow Nasal O2
- ✓ Surfactant Therapy
- ✓ Central Oxygen , Compressed Air & Suction



Fabian HFOV



Fabian+ncPAP Evolution



IX5 Ventilator



SiPAP



CPAP

## Prevention of Hypothermia

- ✓ Servo controlled radiant warmer



Warmer (Phoenix, shreeyas)

## Continuous Monitoring

- ✓ Multipara Monitors (Philips MP 50)
- ✓ Invasive Blood Pressure monitoring
- ✓ Pulse Oximeters (MASIMO)



Philips MP50



MASIMO







## — Neonatal Jaundice —

- ☑ LED Phototherapy
- ☑ Exchange Transfusion



LED Phototherapy



Exchange Transfusion

## — Fluid & Nutrition —

- ☑ Protocol based fluid & electrolytes therapy
- ☑ Parenteral nutrition
- ☑ Syringe pump
- ☑ Volumetric pump



Syringe pump  
(Smith Medical)



Volumetric pump  
(Devay Medical)

## — Imaging —

- ☑ Ultrasonography
- ☑ 2D echocardiography ( Sonosite M-Turbo)
- ☑ Portable X-ray



M-Turbo Sonosite



Portable X-ray

## — Neonatal & Paediatric Transport —

- ☑ Dedicated neonatal & paediatric transport system to make sure of arrival of patient in best possible state
- ☑ Neopuff
- ☑ Multipara Monitor/Pulse oximeter
- ☑ Accompanied by Neonatal & Paediatric Intensivist & trained supporting staff



Embrace nest



Neopuff





## — Prevention is better than cure —

- ☑ Sterilizer systems for clean air in intensive care areas
- ☑ Micro defogger machine for fumigation in all areas
- ☑ Strict emphasis on hand washing
- ☑ Smart access system in NICU
- ☑ ETO sterilization
- ☑ Cluster care approach and minimal handling of babies
- ☑ Our protocol based system for antibiotic therapy & treatment of neonatal illness
- ☑ Self Audit in Endeavour constantly to upgrade standards in neonatal care

## — Commitment for intact survival for our NICU graduates —

- ☑ Neurosonogram & functional 2D echo at bedside
- ☑ Newborn screening for congenital disorders
- ☑ ROP (Retinopathy of prematurity) screening as per protocol by Retina specialist & ROP management if needed
- ☑ OAE (Oto-acoustic emission) screening
- ☑ Pulse oximetry screening of every newborn
- ☑ Neurodevelopmental assessment of high risk NICU graduates by consultant & physiotherapist
- ☑ Breastfeeding & Lactation management support
- ☑ Kangaroo mother care (KMC)







# Thank You

## Please visit us

**Emergency Number:**

**(0260)2434499  
(+91)9978464499**

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