



PUNE · APRIL 2023 · UPDATE 1

Jupiter Hospital, Pune saves **500 +** little children's heart



The pediatric cardiac team successfully operated 173 cases in the past twelve months crossing 500+ paediatric and neonatal heart surgeries & interventions in the last 5 years



Baby of Nargis was diagnosed to have a heart condition called d-transposition of great arteries(TGA) wherein, the deoxygenated blood gets circulated to all the organs. Her parents were very worried and anxious after the anomaly scan and they came to Jupiter Hospital for further opinion. They were counseled in detailed regarding this condition and underwent an open heart surgery **on day 5 of life.**



This child was stabilized at the state of the art NICU at Jupiter and a plan of care formulated for this baby.

Financial support was given by Jupiter Foundation, Rotary club - Pristine, Pune and Mukul Madhav Foundation.

**D-TGA IS SEEN IN ONE IN 3500 - 5000 LIVE BIRTHS;
AND ITS SURGERY NEEDS TECHNICAL FINESSE
AND EXPERTISE."**



"We did a 2D echo study to confirm the findings. This baby needed surgery within first two - three weeks of life. The child needed to be cared for in a dedicated set up which could provide the emergency surgery, when needed."

Dr. Rahul Saraf
Consultant - Paediatric Cardiologist
Jupiter Hospital Pune



"This child underwent an Arterial Switch Operation, which is a complex open heart surgery performed on a tiny walnut sized heart of a baby. The improperly connected great vessels are disconnected and attached to the proper chambers of the heart. In addition, the tiny coronary arteries also need to be repositioned to the correct vessel. This surgery need technical finesse and expertise. Post operative course was stormy, but with the enormous efforts of the paediatric ICU staff the baby got a new lease of life. "



Dr. Abhijeet Naik
Consultant - Paediatric Cardiac Surgeon
Jupiter Hospital Pune

Coincidentally, on the same day the paediatric cardiac ICU received **another 3 days old baby** on ventilator support. This baby had obstructed Total Anomalous Pulmonary Venous Connection(TAPVC). This baby was very sick and taken for the surgery within couple of hours at mid night. Dr. Abhijeet Naik and his surgical team operated through the night to salvage this baby. This baby also made a remarkable recovery

Both these tiny babies were discharged after 2 weeks on the same day to the delight of their parents.

The Paediatric Cardiac department caters a wide spectrum of issues ranging from complex neonatal cardiac surgeries & interventions as well as paediatric cases with complicated congenital heart diseases and everything in between.

