

## **Press Release**

### **Narayana Health treats rare case of ALCAPA, gives baby a new life and hope to the parents**

- *ALCAPA is a relatively rare lesion with the incidence being 1 in 300,000 live births*

**23 February 2020, Begusarai:** Congenital heart disease is globally a major concern especially in low income countries. In process it is more than a test of patience for the parents of a child born with rare congenital heart disease like ALCAPA. So was the condition of parents from Begusarai, who had lost hope and seen 7 months long tough time to see their baby Shubham in normal condition. Here taking its legacy forward of giving its patients advanced treatment in affordable prices recently **Narayana Superspeciality Hospital, Howrah** conducted this baby Shubham's surgery under the supervision of experienced doctors and skilled team of professionals and now the baby Shubham is getting back to normal life.

To discuss in detail about the case **Narayana Superspeciality Hospital, Howrah** organised a conference in **Sishu Mangal Clinic, Begusarai** where concerned doctors **Dr. Debasis Das Sr. Consultant Cardiac Surgery, Narayana Superspeciality Hospital, Kolkata** **Dr. Amitabha Chattopadhyay Sr. Consultant Pediatric Cardiologist Narayana Superspeciality Hospital, Kolkata** shared about the cases. In programme **Dr. (Major) Kundan Kumar Consultant Pediatrics Sishumangal Clinic** was also present to share his observations.

It all began with the birth of the baby Shubham. His apparent growth was very slow and there were repeated episodes of crying incessantly after feeds and sweating. The repeated visits to the doctors made Shubham's parents more skeptical. Finally coming to **Narayana Superspeciality Hospital, Howrah (NSH Howrah)** proved to be a final solution, as there he was diagnosed with **ALCAPA (Anomalous left coronary artery arising from Pulmonary artery)** by experienced Pediatric team. Basically, in this lesion the left heart receives blood devoid of oxygen and suffers repeated heart attacks and ultimately the pumping action of the heart becomes very poor. The poor contractility of the heart was the main challenge, but the anesthesia and ICU team of doctors and nurses managed the situation very well. Baby Shubham's heart was so big that it was left open with an artificial cover for a day and closed the next day. On third day, he was separated from the ventilator support. He required noninvasive ventilator support for next 4 days. However, his respiratory condition worsened, and he was put back on ventilator. Cardiac function currently was stable. He also developed lung infection with multi drug resistant bacteria which was treated with appropriate higher antibiotics. He was subsequently separated from the ventilator successfully again.

**Dr. Debasis Das Sr. Consultant Cardiac Surgery, Narayana Superspeciality Hospital, Kolkata** said that, *“Surgery as early as possible is the only solution for a relatively rare condition like ALCAPA.. Shubham had the same problem with very poor contractility of the heart (10-15% ejection fraction). He underwent a high-risk surgery which involved direct coronary artery transfer. Undoubtedly the entire process needs to be done very carefully with skilled hands. I am thankful my team for this collective effort in the endeavor of saving this child. The main challenge was managing the poor ventricular function in post-operative period which our ICU team led by Dr. Shubhadeep Das handled very well”*

It was a 7 months long period of endless struggle for baby Shubham and his parents, he stayed in Hospital after 26 days of the surgery. In this regard **Dr. Amitabha Chattopadhyay, Sr. Consultant Pediatric Cardiologist Narayana Superspeciality Hospital, Kolkata**, said that, *“Going through the case of baby Shubham one can observe that how early diagnosis is far important especially when it comes to the children. Apart from entire careful process of surgery it was the first step in the direction of successful treatment. As endless episodes of crying and getting sick are considered to be basic part of an infant’s behavior and a child cannot speak out the problem or unbearable painful congestion, she/he is feeling inside the chest. It gives us immense pleasure to see baby Shubham free from the relative risk and playing in the arms of his parents. Narayana Health is prepared to give advanced and rare treatments to its patients.”*

**About Narayana Health:** With all superspeciality tertiary care facilities that the medical world offers, Narayana Health is a one-stop healthcare destination for all. Founded by Dr. Devi Shetty and headquartered in Bengaluru, Narayana Health group is the second largest health care provider in the country in terms of operational bed count. The first facility was established with approximately 225 operational beds in 2000 at NH Health City in Bengaluru. The Company today, runs a chain of multispecialty, tertiary and primary healthcare facilities across India with a network of 24 hospitals and 7 heart centres and a single hospital overseas at Cayman Islands with over 6,200 operational beds across all its centres and potential to reach a capacity of around 7,300 beds. [www.narayanahealth.org](http://www.narayanahealth.org)

### **Narayana Superspeciality Hospital, Howrah**

NSH Howrah offers organ-specific comprehensive cancer care covering medical, radiation and surgical oncology. This NABH accredited hospital offers tertiary care services in over 44 specialties, which includes Cardiac Sciences, Neurosciences, Gynecology, Orthopedics, Urology as well as Medical and Surgical Gastroenterology. Built as per FGI standards (Facility Guidelines Institute), USA, the hospital has a Centre of Excellence for Comprehensive Cancer Care and is well-equipped to handle medical emergencies and trauma round the clock.