

NEONATAL LAPAROSCOPY – DUODENAL ATRESIA REPAIR IN 2-DAY-OLD NEWBORN (2.2 KG)



Neonatal Laparoscopy – Duodenal Atresia Repair (2.2 kg Newborn)

Overview

A **2-day-old newborn weighing 2.2 kg** presented with **duodenal atresia**, a congenital intestinal obstruction typically characterized by bilious vomiting and inability to tolerate feeds. Early surgical intervention is critical to prevent complications such as electrolyte imbalance and aspiration.

Procedure

A **neonatal laparoscopic duodenoduodenostomy** was performed. Using fine laparoscopic instruments, the dilated proximal and distal segments of the duodenum were identified and anastomosed to bypass the obstruction. Special care was taken due to the small working space and delicate neonatal tissues.

Outcome

- Effective relief of intestinal obstruction
- Early initiation of enteral feeding
- Smooth postoperative recovery with stable vitals

Key Highlights

- Successfully performed in a **low birth weight neonate**
- High precision **neonatal minimally invasive surgery**
- Reduced hospital stay and quicker return to feeding
- Highlights expertise in **advanced neonatal laparoscopic surgery in Thane**