

**TITLE:** Ultrasound Guided Reduction of Neonatal Intussusception

**OBJECTIVE:**

To highlight two cases of neonatal intussusception managed non-operatively at the San Fernando General Hospital.

**DESIGN AND METHODS:**

Ledgers from the past ten years have been reviewed to ascertain the presence of similar presentations. International data has been reviewed to establish its general frequency.

**RESULTS:**

Intussusception in the newborn period represents 3% of all cases of neonatal intestinal obstruction and 0.3% of all cases of childhood intussusception as a whole.

The current overall incidence of intussusception at the institution averages at 4.8 cases per year which represents approximately 0.8 cases per 1000 live births. Since the advent non-operative management of intussusception as a consistent service at the San Fernando General Hospital in 2006, these are the first reported cases in the neonatal age group. Both cases were successfully reduced under ultrasound guidance utilising:

- i) Saline enema
- ii) Pneumatic reduction

**CONCLUSION**

Neonatal intussusception represents a surgical rarity which often results in diagnostic delays and the necessity of laparotomy. We present two cases which were successfully managed non-operatively under ultrasound guidance.