

Pyloric Stenosis

(Gastric Outlet Obstruction)

- Hypertrophy of the pylorus causing narrowing
- Congenital Condition.

Cause → 1) Genetic → Young Boys, First Born
2) Environmental → Exposure to antibiotics.

Pathophysiology

Hypertrophy & Hyperplasia of the pylorus.

↓
Obstruction of Food.

↓
Irregular Peristalsis.

↓
Hypertrophy of stomach.

↓
After 2-6 weeks

↓
Vomiting with ^{non-}bilious and projectile.

↓
Loss of stomach acid.

↓
Loss of HCl

↓
Hypochloremia

↓
Decrease acidity

↓
Metabolic alkalosis

↓
Dehydration

↓
Retains sodium & excrete potassium.

↓
Hypokalemia.

↓
H⁺ into cells & H⁺ secretion.
HCO₃⁻ Reabsorption

C/F → Visible Peristalsis, Projectile Vomiting
- Feel "Olive Mass" in epigastrium.

- May. USG

- Hypochloremia, Hypokalemia metabolic alkalosis.