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Attendance: Obligatory Type of lecture: theory Place : Hall no.4 college of medicine –Mustansiriyah University . Date : Tuesday 29<sup>th</sup> of March 2016. Time : 12:30 – 1:30 AM. Students: 4th year / college of medicine / Mustansiriyah University By : Dr. Ali E. Joda M.B.Ch.B. - F.I.C.M.S. - pediatric surgeon Mobile no. : 07725465090 E. mail : <u>alieagle677@yahoo.com</u>

### Topics :-

- Introduction to pediatric surgery.
- Neonatal intestinal obstruction.
- Duodenal atresia.
- Jejuno-ileal atresia.

#### Introduction :-

Pediatric surgery is not just a general surgery performed in smaller people. The surgical care of children differs markedly from that of adults in many aspects. Neonatal intestinal obstruction is a common surgical problem include wide spectrum of diseases of which congenital intestinal atresia have special importance because of their impact on mortality rate among neonate in our country & their significant effect on gastrointestinal function of the survivor.

#### **Objectives:** -

We aim to verify the following:

- ↔ What is the field of pediatric surgery & how it differs from general surgery?
- By the end of this lecture you have to be able to recognize the main features of neonatal intestinal obstruction & how you can approach to infant with this problem.
- What is atresia & where it could be occur in gastrointestinal tract? How can you differentiate it from other causes of intestinal obstruction? & what are the main lines of treatment?

#### Introduction to pediatric surgery

Pediatric surgery is not just a general surgery performed in smaller people. Children need specialized surgeon to deal with their surgical problems because they differ markedly from that of adults in many aspects, including: -

**\*** Unique physiologic demands.

- \* Anatomical difference & its implications.
- relevant embryology and pathogenesis.
- Special surgical considerations

## Neonatal intestinal obstruction

Surgical Causes: -Main symptoms: -Signs & clinical features on Examination: -Investigation that help in diagnosis: -

### Intestinal atresia

Pathological types: -

#### Duodenal atresia & stenosis

Definition: -Diagnosis: -Treatment: -

#### jejuno - ileal atresia

Definition: -Diagnosis: -Difference from duodenal atresia: -Treatment: -

# Malrotation of midgut

#### Meconium ileus

