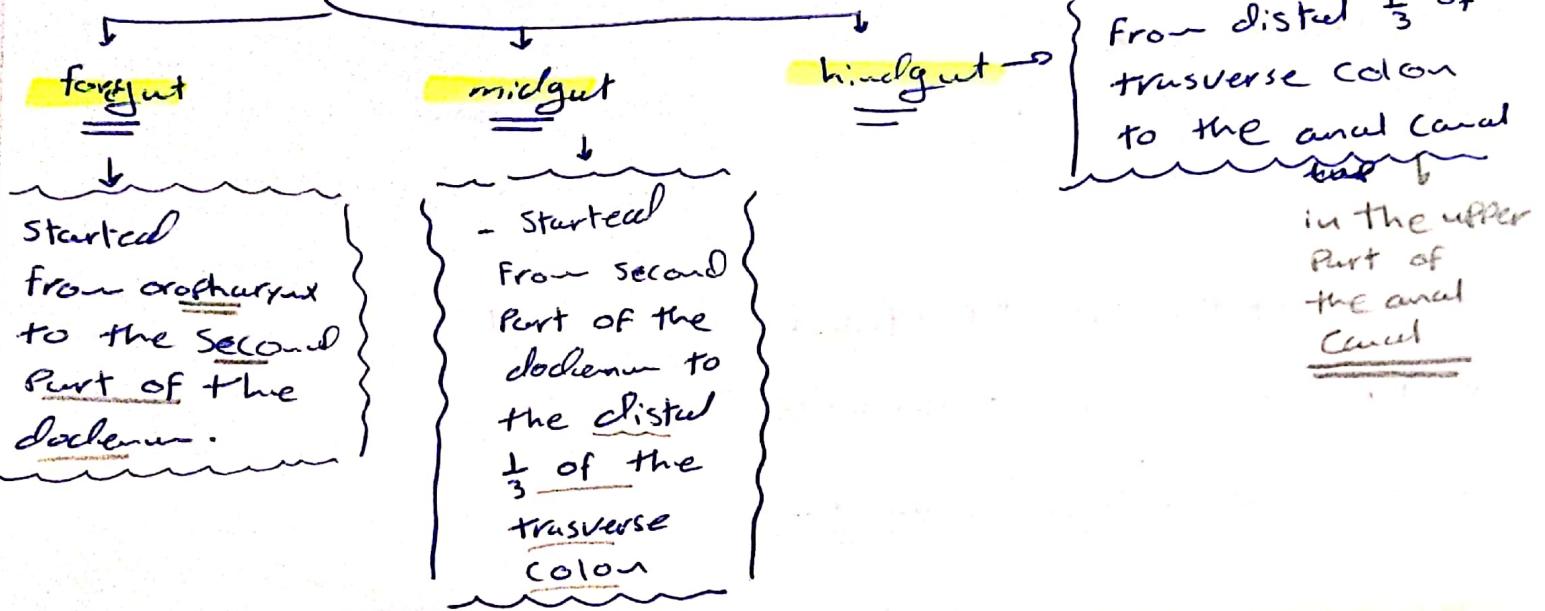


→ Surgery :-

* ~~Notes~~

* Embryology of GIT :-



in the upper
part of
the anal
canal

→ Foregut structure pain and its appendages (gallbladder and liver)
↓
(epigastric pain)

→ Midgut structure pain → central abdominal pain, periumbilical pain
(visceral pain)

→ Hindgut → supra pubic pain

Acute Appendicitis

- Appendicitis is common - **7-9% lifetime risk**
- Mostly young people but can present at any age. **most common age → 14-30**
- Delay in diagnosis/management causes significant morbidity - **can be a surgical emergency**
- Usually clinical diagnosis - **not reliant on imaging**
- ▪ Has classic presentation but often presents atypically - it is a **common pitfall!**

③ we should take a history from the patient and we should do a physical examination → **To diagnose of appendicitis**

→ APPendicitis :-

* most common emergency surgical procedure.

* Landmark of appendix :-

~~appendectomy~~

→ MC Burney's Point :-
 $\frac{1}{3}$ of the

$\frac{1}{3}$ from the anterior superior iliac spine to the umbilicus.

* base of the appendix → (caecum) \rightarrow تپی چکا - Tender

* Tip " " " → Variable

* we have → Sign, Symptoms

(1) - Symptoms :-

- Periumbilical Pain Pain (central pain) \rightarrow irritation of Purified Peritoneum.
Causes Somatic Pain



Pain shift to the right iliac fossa.

- anorexia.

- nausea.

without
Vomiting

with Vomiting

(2) - Sign :-

- localize tenderness in the right iliac fossa \rightarrow most common sign

- Pyrexia

- muscle guarding.

- Rebound tenderness.

* Investigation :- (routine, selective)

- Routine → - full blood count
- urinalysis → because in the appendicitis there is elevation of WBC in the urine.

* Treatment :-

- IV fluid
- antibiotic → (بكتيريا عدوى)
- appendectomy → (عمليات إزالة الراشة)

↓

(appendectomy) :-



Open

- longer recovery
- risk of hernia and adhesions.

Laparoscopic

- quicker recovery
- lower complication rate.

(Laparoscopic) → بعملية جراحية بمنظار
الجهاز بـ CO₂ عصبون تحمل قوي وله مساحة
واسعة لتنفس.

- Cholelithiasis → gall stone.

- Cholangiolithiasis → Stone in common bile duct.