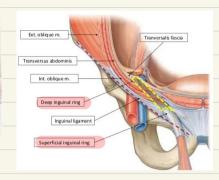




Oblique Passage in lower Part of anterior abdominal wall, just above medial 1/2 of the inguinal rings

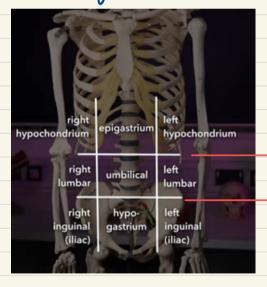
Structures Passing through canal



** O spermatic cord in males or round ligament in Semales

(2) itionquinal nerve

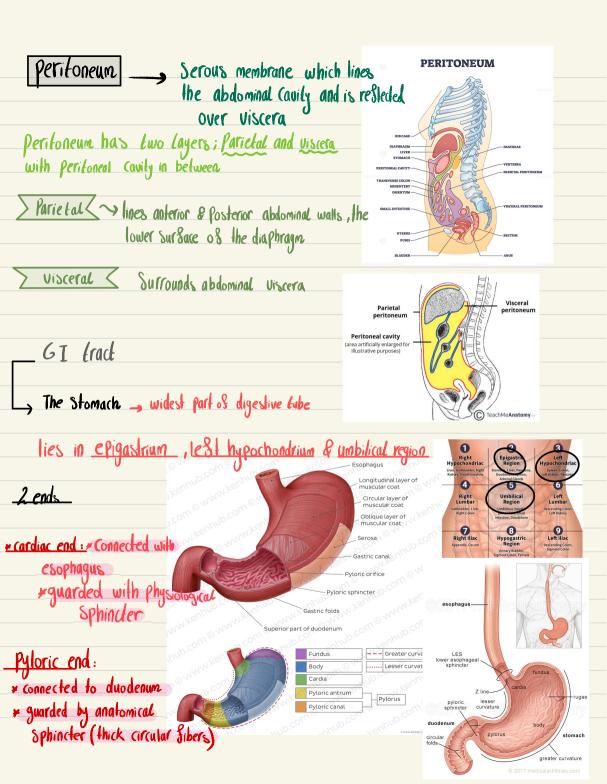
Abdominal regions (9 regions)

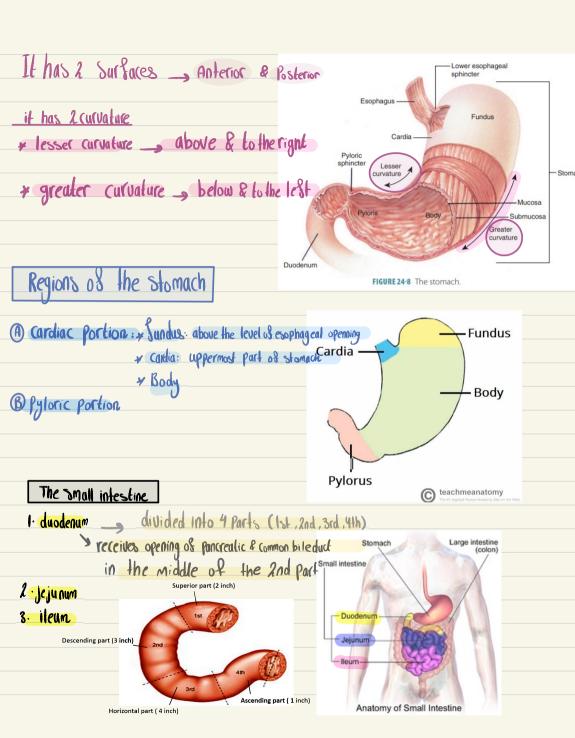


Two vertical mid clavicular lines lest eright

Subcostal: through lower edge of 10th Costal Cartilage and 13 vertebra

Transtubercular; through tubercle of iliac crest is







* Houstrations (grooves)

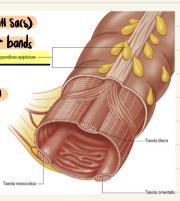
* Sacculation (divided into small sacs)

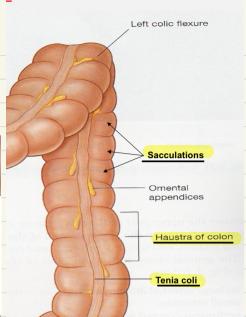
* Teniae coil: 3 muscular bands

* appendices epiploicae:

Small appendices Silled with

Sat





Components of large intestine

- * (ae(um & vermisom appendix
- Colon (ascending , transverse , descending
 Right & left Colic Slexures
- * Rectum
- ranal Canal

Fig 1. Anatomy of the large intestine Transverse colon

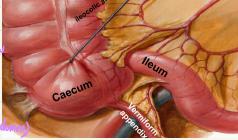


Vermisorm appendix

> * attationed to caecum about one inch below ileocaecal junction

* lies in right inguinal region

* very rich in lymphoid Sollicle (Tonsil of about



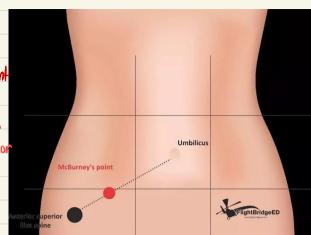
Surface anatomy of appendix

Base of appendix ____ McBurney's point

the Point at the junction of lateral 1/3

& medial 2/3 of a line extending between anterior

Superior iliac Spine (ASIS) & umbilities



anal Canal

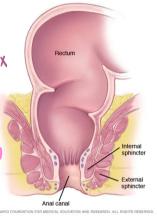
, begins one inch below & infront of cocyx

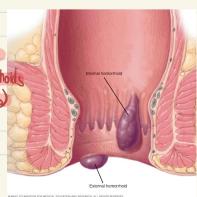
directed downward & backward

upper part, insensitive to general sensation supplied by autonomic Sibos

lower part _s sensitive to general sensation (supplied by somatic &ibers)

Dilation of Submucosal venous plexus of rectume anal anal internal or external hemorrhoids





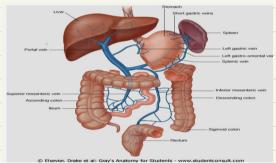
Portal Circulation

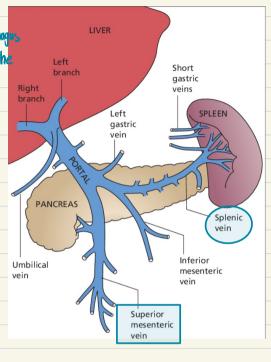
Portal vein drains the alimentary Canal Srom esophogus
to upper 1/2 of anal Canal pancreas & spleen to the
liver

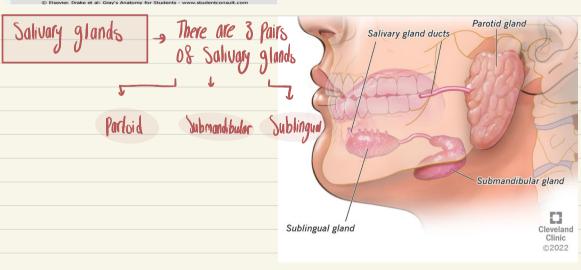
Portal veile: ** Union of splenic & superior mesenteric

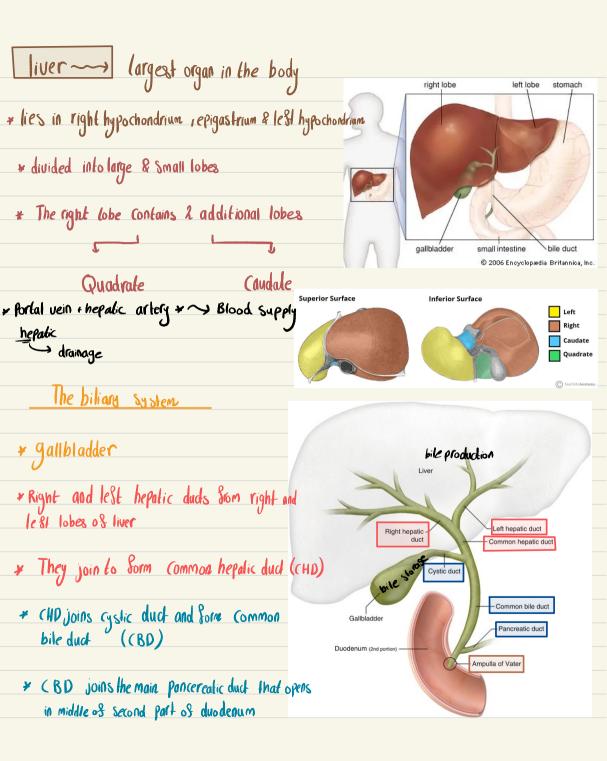
Veins behind neck of pancreas

* ends in porta hepatis







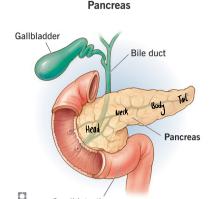


Pancreas

it is both exocrine & endocrine gland

* 4 Parks : head , neck , body & lail

General topography Soregut, Midgut, Hindgur



Small intestine Foregut Midgut Hindgut Lower 1/2 of the duodenum, Components Abdominal end of The rest of large intestine esophagus, stomach, jejunum, i<u>leum, large</u> down to the pectinate line of duodenum down to intestine as far as the right the anal canal entrance of bile duct, liver, 2/3 of the transverse colon spleen, pancreas Arterial supply Coeliac artery Superior mesenteric artery Inferior mesenteric artery

Venous drainage

(READ ONLY)

Autonomic nerve supply (READ ONLY) Parasympathetic Vagus nerve

Sympathetic

T5-T11 segments of the spinal cord → greater and lesser splanchnic nerves

Parasympathetic

Vagus nerve

End in the portal venous system **EXCEPT** lower part of anal canal

Sympathetic

T5 -T11 segments of the spinal cord \rightarrow greater and

Parasympathetic

Pelvic splanchnic nerves (S2,

3, 4)

Sympathetic

L1, L2 segments → lumbar splanchnic nerv

From distal esophagus down to proximal half of 2nd part of duodenum down to proximal 2/3 of transverse colon.

From distal 1/3 of transverse colon to rectum.

