

SPLEEN:

Introduction: lymphatic organ connected to blood vascular system.

- Plays imp Role in immunity.
- To filter blood by removing worn out RBCs

Locations: Mainly in left hypochondrium & partly in epigastrium.

• wedge shape.

⇒ lie obliquely along, the long Axis of 10th Rib.

⇒ directed downward, forward & laterally.

External feature:

Two ends — Ant or lateral end — expanded & flat border
— downward & forward

— Post or medial end — rounded

— upward, backward

Three borders — superiorly — characterized by notch near Ant end.

seen on
ventral
surface

Inferior — Rounded

Intermediate — Rounded — receives gastric
Imp from Renal Impulse.

Two spleen:

Diaphragmatic surface - convex & smooth
Visceral surface - concave & irregular

Spleen - lie b/w sup & inf mediastine border.
- pierced by branches of tributaries of splenic vein

Spleen Markings:

spleen is marked on the surface on the left side of the back of front.
→ correspond to 9, 10th, 11th ribs.
→ Mid Axillary line on the 11th rib → lateral end.

Relations:

Positional Relation:

- spleen is surrounded by peritoneum & suspended by ligament.
by ligament -

o Gastro-splenic lig - extend from hilum of spleen to greater curvature of stomach.

o Lienorenal lig - extend from hilum of spleen to Ant sup of left kidney.

o Lienopneumonic lig - contain tail of pancreas

o phrenico-splenic lig - not attached to spleen but support its Ant end.

Visceral Relation: Related to - Fundus of stomach
- Ant sup of the left kidney.
- splenic flexure of colon
- tail of pancreas

o Gastric Impression - fundus of stomach
- b/w sup & inf mediastine border

o Renal Impression - left kidney
b/w inf & sup border

o Colic impression - splenic flexure of colon
occiput Angles Area of Ant border

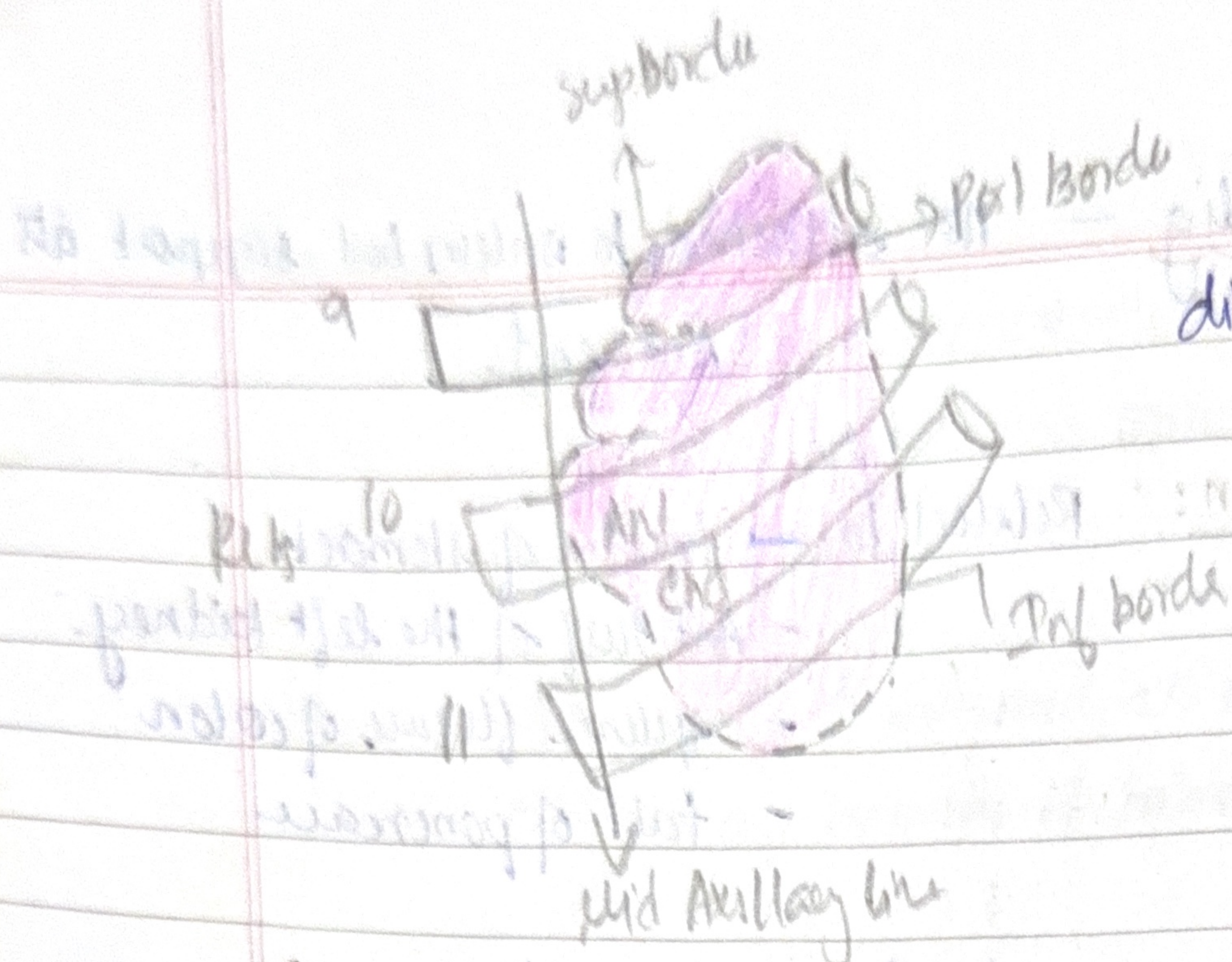
o Pancreatic impression - tail of pancreas
b/w hilum of colic Impression

o Hilum - lie on Ant medial part of gastric impression.
transmit splenic vessels & nerve

Diaphragmatic surface - attached to gastro-splenic lig & lienorenal lig.

→ Related to diaphragm at 9, 10, 11th ribs.

→ which supported the spleen from pleural lung.



ARTERIAL SUPPLY:

- ⇒ supplied by splenic Artery.
- ⇒ Travels through lienorenal lig.
5 branch

VENOUS SUPPLY & DRAINAGE:

- ⇒ splenic vein joins with sup mesenteric vein to form
Post hep
- Formed by 5 tributaries.

It tributaries are

- ⇒ short Gastric vein
- ⇒ Left Gastric ~~epi~~plenic vein
- ⇒ pancreatic vein
- ⇒ Inf mesenteric vein.

Lymph → pancreaticosplenic node

→ lymphatic fluid → celiac plexus.