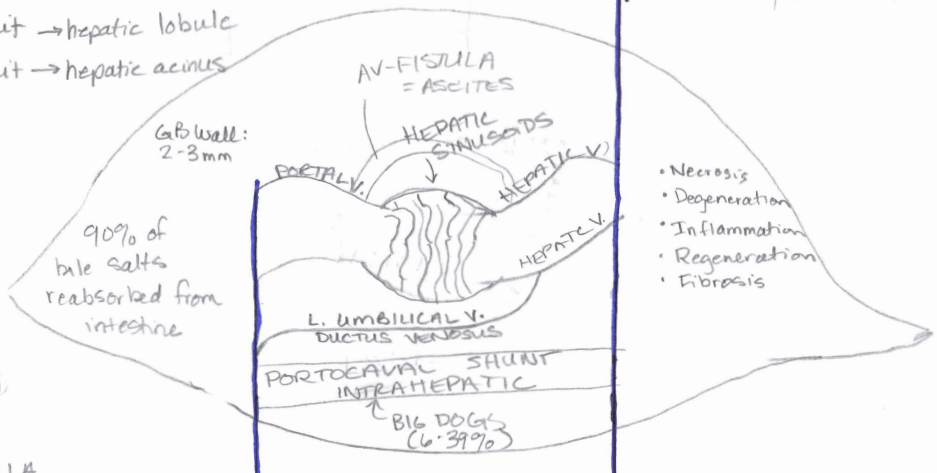


hepatocytes
Kupffer cells
Ito cells
• fat/NH₄
Storage
bile canaliculi
L

LIVER

- Structural unit → hepatic lobule
- functional unit → hepatic acinus



enteric CV
on to heart
AZYGOS V.

CANINE

- MAJOR DUODENAL PAPILLA
- minor pancreatic (+/-)
 - common bile duct

- MINOR DUODENAL PAPILLA
- Acces. pancreatic duct
 - ↑ ALWAYS

FELINE

- MAJOR DUODENAL PAPILLA
- major pancreatic
 - common bile duct

- ± MINOR DUODENAL PAPILLA
- Acces. pancreatic duct

HORSE

NO GB, both pancreatic ducts

*Portography
SPLenic V.
(SPLEEN)
(PANCREAS)

GASTRODUODENAL V. (STOMACH)
(DUODENUM)

PORTOCAVAL SHUNT
EXTRAHEPATIC 1190
↑ NO ASCITES IN PSS

PORTOCAVAL SHUNT
EXTRAHEPATIC
↑ LITTLE DOGS (67%)

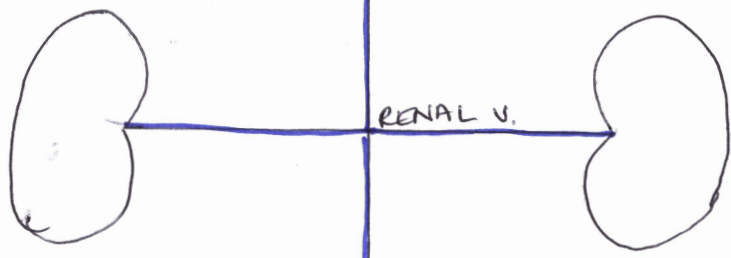
Intraop Portography *
CR. MESENTERIC V.
(DUODENUM)
(DUODENUM)
(DUODENUM)
(PANCREAS)
CAUDAL MESENTERIC V.
(COLON, RECTUM)

PORTAL V

CAV. VC

CAV. VC

LUMBAR V.



PELVIC LIMB

SUPERFICIAL V
MEDIAL SAPHENOUS
LATERAL SAPHENOUS

↑ FEMORAL V.
↑ POPLITEAL V.
↑ CR. TIBIAL V.
↑ DORSAL PEDAL V.
↑ DIGITAL V.

EXTERNAL ILIAC V.
INTERNAL ILIAC V.
MEDIAN SPINAL V.

A-V FISTULA

- Shortcut A → V, no capillaries
- less resistance → robs pathway "BRUIT NOISE"
- ↑ CO

- DIT
- Trauma
 - Neoplasia
 - Congenital

Normal anastomoses

- Allow organs to "rest"
- gastric
- thyroid
- cooling mechanism
 - tongue
 - digits
 - ears
 - nose