A stylized illustration of a stethoscope with a red tube and a black chest piece, positioned over the text.

Rhesus Medicine

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PORTAL HYPERTENSION

INTRAHEPATIC FLOW - SINUSOID

DIRECTION OF BLOOD FLOW: →



PORTAL HYPERTENSION

* PORTAL HYPERTENSION HAPPENS WHEN BLOOD FLOW FROM THE PORTAL SYSTEM TO IVC MEETS RESISTANCE *

CAUSES

② INTRAHEPATIC

③ POSTHEPATIC



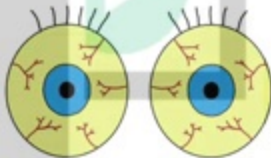
- ① PREHEPATIC
- PORTAL VEIN THROMBOSIS
 - SPLENIC VEIN THROMBOSIS
 - AV MALFORMATION
 - SPLENOMEGALY

PORTAL HYPERTENSION

CLINICAL FEATURES

MAY BE ASYMPTOMATIC

- ① FATIGUE
- ② PRURITUS (ITCHING)
- ③ JAUNDICE
- ④ EDEMA
- ⑤ ASCITES
- ⑥ GYNECOMASTIA
- ⑦ PALMAR ERYTHEMA



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PORTAL HYPERTENSION

DIAGNOSIS

PHYSICAL EXAM - SUGGESTIVE

ULTRASOUND - PORTAL VEIN $\rightarrow \geq 13-15\text{mm}$ \rightarrow SIGN OF PH
DIAMETER

- BLOOD VELOCITY $\rightarrow < 16\text{cm/s}$

* $< 16\text{cm/s}$ + DILATION IS CONSIDERED DIAGNOSTIC *

- REOPENING OF UMBILICAL VEIN
- DILATION OF GASTRIC VEINS

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