

Transjugular Intrahepatic Portosystemic Shunt (TIPS)

TIPS: NORMAL AND ABNORMAL FINDINGS

Normal velocities in shunt above 90 cm/s

- Deep inspiration lowers velocity, simulating abnormal

Abnormal in TIPS

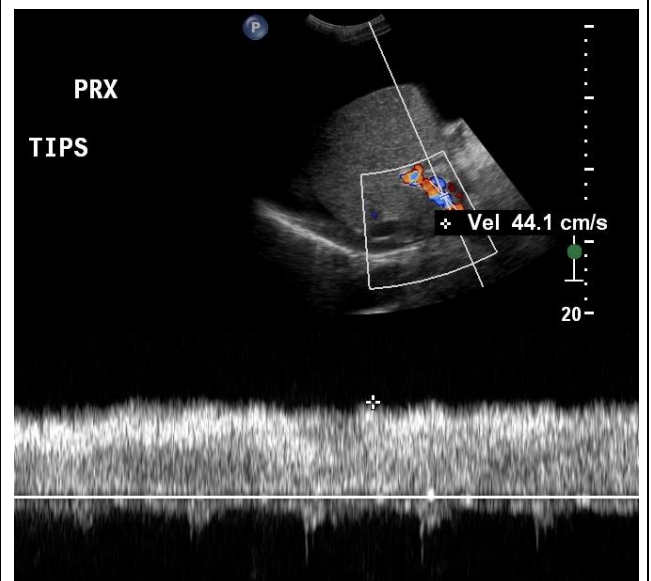
- Low velocities (below 90, especially below 50 cm/s)
- Elevated velocities (greater than 190 cm/s)
- Change in velocity of 50 cm/s along stent also suggestive

Abnormal around TIPS

- Hepatofugal flow in portal vein rare but specific
- Main portal vein velocity below 30 cm/s also a sign since normal TIPS improves portal vein velocity
- Reversed flow in HV towards TIPS

TIPS: ABNORMAL FINDINGS

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