

- Poor liver function
- Poor heart function

Considerations for a pre-emptive TIPS

For bleeding from esophageal varices:

If the Child-Pugh score is 10-13 (or 8-9 with active bleeding), seek Hepatology consultation as to whether a pre-emptive TIPS within 24-72 hours would be indicated (PMID 20573925, PMID 32980344)

*TIPS should only be carried out at a specialized tertiary care center with experience in the procedure

Initiate Secondary Prophylaxis

Secondary prophylaxis of Esophageal varices or GOV1 gastric varices

Use Endoscopic band ligation in combination with NSBBs

Endoscopic band ligation:

- every 4-8 weeks until variceal obliteration
- then in 3-6 months post-obliteration
- then 6-12 months indefinitely

Start one of the following Nonselective beta-blockers (NSBBs):

Nadolol starting dose 20-40 mg PO QHS, maximum dose 80mg PO QHS if ascites and 160 mg PO QHS without ascites

- (dose to tolerance or heart rate 55-60, SBP>90)
- Propanolol starting dose 20-40mg PO BID, maximum dose 80mg PO BID if ascites and 160mg PO BID without ascites (dose to tolerance or heart rate 55-60, SBP>90)
- Carvedilol starting dose 3.125mg PO BID, target dose 6.25mg PO BID. Carvedilol has a more pronounced impact on the blood pressure than the NSBB, but can still be used in decompensated cirrhosis if it is tolerated.

See practical tips for NSBB use

What if your patient re-bleeds on secondary prophylaxis?

Consider RTO in the following cases:

- Patients with bleeding from gastrofundal varices (GOV2 or IGV2)
- Presence of gastrorenal shunt on imaging (i.e. CT scan)
- Poor candidates for TIPS treatment
 - History of recurrent hepatic encephalopathy
 - Poor liver function
 - Poor heart function

Considerations for TIPS

Contact a hepatologist at a specialized tertiary care center with expertise in the procedure to determine if a TIPS is indicated