Diagnosis and Treatment of “Hepatic Hemangiomas”: A Misnomer

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NOTHING TO DISCLOSE

“Liver Hemangioma” Misnomer in the Literature

Most common benign liver lesion, usually noted by US.
Rx usually not indicated.

Misnomers

- Liver Hemangioma….Hepatic Hemangioma
- Rectal Hemangioma
- Vertebral Body Hemangioma

ALL are venous malformations that are present in those tissues.

World’s literature proffers liver lobe resection surgery as the mode of therapy for symptomatic venous mass lesions in the liver.

Symptoms

- Abdominal Pain
  - Hct drop
- Intractable hiccups
28 Patients
• 7 Males
• 21 Females
• Age Range: 12 yrs – 68 yrs
• Mean Age: 52 yrs
• 26 Pts pain, 1 pt + hiccups

28 Patients
• 182 Procedures
• 1 Infection, antibx
• 1 Foot drop

28 Patients
• Shrinkage of the VM mass
• Pain Sx resolved with decreased stretching of the liver capsule
• Hiccups resolved
• Foot drop resolved

39 year old male with abdominal pain in the right upper quadrant, especially with exercise.
49 year old female presents with right sided abdominal pain limiting physical activities.
41 year old female presents with abdominal pain worsened by ambulation and preventing deep breathing.
42 year old female presents with continual abdominal pain that has stopped her exercise regiment.
36 year old female presents with intermittent severe right-sided abdominal pain.
37 year old female presents with constant abdominal pain causing difficulty with breathing while ambulating and is severely lifestyle limiting.
Conclusions

• Effective in treating liver VM just like VM of any other tissue
• Tolerated well by patient
• Recommend use of antibiotics (Ancef & Flagyl)
• Imaging studies (MR, US, CT) documents thrombosis, scarring, and shrinkage of the venous malformation lesion