

# **Hepatic Hemangioma**



**PLAY PICMONIC** 

#### Characteristics

#### **Benign Venous Malformation**

**Bunny Vines Malformed** 

The etiology of hepatic hemangioma is still not well understood. Still, it is thought to be related to venous malformations or hamartomas of congenital origin that extend by ectasia rather than by hyperplasia or hypertrophy.

## Most Common Benign Liver Tumor

#1 Foam-finger Liver Tumor-guy

Hepatic hemangioma is the most common benign liver tumor.

#### Appears in Patients 30-50 Years Old

(30) Dirty and (50) Cent

Patients are usually diagnosed with hepatic hemangioma at the age of 30-50 years old.

## **Clinical Features**

#### Asymptomatic

Thumbs-up

Hepatic hemangioma is commonly found incidentally during imaging, and patients often seem asymptomatic.

## **Abdominal Pain**

Abdominal Pain-bolt

Even though it is often asymptomatic, a hepatic hemangioma can be experienced with upper abdominal pain if the mass is large enough to distend Glisson's capsule. Patients can present with a sensation of fullness.

#### Diagnosis

## Ultrasound

Ultrasound-machine

## Abdominal CT or MRI

Cat-scanner and M-R-eyes Machine on Abdomen

CT scan or MRI is used to diagnose hepatic hemangiomas with a 90% sensitivity and 91%-99% specificity. Mostly, they are used when ultrasound criteria for hepatic hemangioma are not met.



## Considerations

## **Biopsy Contraindicated**

Biopsy-needle Caution-tape

A biopsy is contraindicated in hepatic hemangioma due to its heavy vasculature, which increases the risk of bleeding, especially in large and subcapsular masses.

#### **Treatment**

# Observation

Observatory

In current studies, no pharmacotherapy is found to be able to reduce the mass size of hepatic hemangioma. No treatment is necessary for asymptomatic patients. However, observation needs to be considered in a patient.

## Surgery

Surgeon-with-scalpel

Surgery is indicated in hepatic hemangioma patients with rapid growth, unresponsive to analgesic, risk of intratumoral thrombosis, and rupture.