Hepatic Adenoma



PLAY PICMONIC

Characteristics

Benign
Bunny
Hepatic adenomas are benign epithelial tumors of the liver and are also known as hepatocellular adenomas.

Epithelial Tumor
E-pick Cells and Tumor-guy
Hepatic adenoma is an epithelial tumor that can be found as a solitary lesion in the liver. It is mainly found in the right lobe.

Associations

Anabolic Steroids
Steroid-stairs
Anabolic steroid use can induce the development of hepatic adenoma. These steroids are mainly used as a treatment for aplastic anemia, hereditary angioedema, and Fanconi anemia. Bodybuilders can abuse this substance to gain muscle mass.

Oral Contraceptives
OCP-case
Oral contraceptives can induce the development of hepatic adenoma, especially if it is consumed for more than five years. Discontinuation of this agent can cause spontaneous regression of the tumor.

Treatment

Cessation of the Cause
Stop-sign Cause
One of the first things to treat hepatic adenoma is cessation of the the possible cause of the occurrence, such as oral contraceptives and anabolic steroids. This can shrink the size of the tumor.

Surgical Resection
Surgeon
Surgical resection is used to treat hepatic adenoma if the mass is >5 cm or the patient experiences persistent abdominal pain related to the mass. Transarterial embolization (TAE) – commonly used primarily to treat hepatic adenoma with complicated bleeding. It can also be indicated in elective procedures for large (>5 cm) mass or symptomatic patients.

Considerations

Sign up for FREE at picmonic.com

Spontaneous Regression

Spartan Red-grease

Hepatic adenoma can regress spontaneously after discontinuing oral contraceptives, especially if the mass size is ?5 cm.

Risk of Rupture

Up-arrow Risk Rupture

As one complication of hepatic adenoma, rupture can occur due to the mass's lack of a fibrous capsule and the presence of an arterial system that supplies hepatic sinusoids. As a result, intraperitoneal bleeding can occur—the risk increases in pregnancy and with a larger mass.

Sign up for FREE at picmonic.com