**Liver Review**

1. What is the name of the fibrous capsule that surrounds the liver?

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1. What is the remnant of the ductus venosus seen as an echogenic line separating the caudate lobe from the left lobe?

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1. What is the fissure where the portal vein and hepatic artery enter the liver and the common hepatic duct exits?

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1. What tumor marker is frequently elevated in cases of HCC and certain testicular cancers?

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1. What is the anatomic variant in which the right lobe is enlarged and extends inferiorly?

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1. What term describes blood flow toward the liver?

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1. What is the term for an enlarged liver?

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1. What divides the right and left lobes of the liver and is seen in the sagittal plane as an echogenic line between the neck of the gallbladder and the MPV?

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1. Which liver enzyme is most specific to hepatocellular damage?

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1. What is yellowish pigmentation of the skin and whites of the eyes caused by increased levels of bilirubin in the blood?

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1. What enzyme is found in all tissues but in largest amounts in the liver and increases with hepatocellular damage?

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1. What is the remnant of the left umbilical vein, seen in the transverse plane as a triangular echogenic foci dividing the medial and lateral segments of the left lobe of the liver?

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1. What is the fold in the parietal peritoneum that extends from the umbilicus to the diaphragm and contains the ligamentum teres?

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1. What is the term for blood flow away from the liver?

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1. What does the ductus venosus become after birth?

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1. What does the left umbilical vein become after birth?

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1. With which disease process does the left umbilical vein commonly recanalize?

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1. What are the four anatomic lobes of the liver?

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1. What are the three functional lobes of the liver?

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1. What is the basic functional unit of the liver?

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1. What does the portal triad consist of?

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1. Describe the echogenicity of a liver with fatty infiltration.

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1. What happens to acoustic penetration with fatty infiltration?

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1. What is inflammation of the liver?

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1. How does the liver appear with acute hepatitis?

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1. How does the liver appear with chronic hepatitis?

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1. Name the two sources that supply blood to the liver.

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1. How does blood leave the liver?

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1. What are the common causes of fatty infiltration?

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1. What is the area of the liver with no peritoneal covering?

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1. The right lobe of the liver is divided into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ segments.
2. The left lobe of the liver is divided into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ segments.
3. Which vessels course between the hepatic lobes and segments?

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1. Which vessels course within the hepatic lobes?

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