

## **My assignment**

**Name: Adesina Benita tomisin**

**Department: human anatomy**

**Course: ana 202- thorax and abdomen**

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## **Questions**

1. why do we have the portal vein or the liver receiving more blood from the vein than it receives from the artery?
2. discuss five (5) disease conditions of the liver

## **Answers**

1. The portal vein, receives more blood from the vein more than it receives from the artery because, the vein tends to deliver deoxygenated blood which is from the small intestine which also contains more nutrients and the artery delivers oxygenated blood but they are not rich in nutrients, so it is more beneficial to get more blood from the portal vein than that of the artery.

### **2. Conditions of the liver**

#### **a. Hepatitis A**

Most people get it by eating or drinking something that's tainted by fecal matter. You might not have any symptoms. It usually goes away by itself within 6 months without any long-term harm.

#### **b. Hepatitis B**

You get it from somebody else, such as through unprotected sex or taking drugs with shared needles. If it lasts longer than 6 months, it makes you more likely to get liver cancer or other diseases.

#### **c. Hepatitis C**

This comes from infected blood that gets into your blood. You might get it if you take drugs with shared needles or in connection with HIV. If you're a health-care worker, you might get it from an infected needle that accidentally sticks you. Symptoms may not show up for many years. For reasons that aren't quite clear, baby boomers are at risk for hepatitis C and should be tested for it.

#### d. Primary biliary cholangitis

attacks tiny tubes in your liver called bile ducts. They carry bile, a chemical that helps you digest food. When the ducts are injured, the bile backs up inside your liver and scars it. Women come down with this more often than men.

#### Primary sclerosis cholangitis

scars your bile ducts, and it can eventually block them. The bile builds up inside your liver, and that makes it harder for your liver to work. It may lead to liver cancer, and you might someday need a liver transplant. Men are more likely than women to get it.

#### References

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