The papillary process of the caudate lobe of the liver is only found on the right side. It is a relatively small portion of the caudate lobe and it is found dorsal to the lesser omentum (gastrohepatic ligament) and to the left of the common bile duct and the hepatic artery. It is one of the two portions of the caudate lobe of the liver that can be tagged.

The left lateral lobe of the liver is caudal to the left medial lobe. It is the larger of the two lobes on the left side.

The left medial lobe of the liver is cranial to the left lateral lobe. It is the smaller of the two lobes on the left side.

The right lateral lobe of the liver is caudal to the right medial lobe and cranial to the caudate lobe. It is smaller than the right medial lobe.

The right medial lobe of the liver is cranial to the right lateral lobe and lateral to the quadrate lobe. It is larger than the right lateral lobe.