







Visual

Reasoning





Reasoning

Medical

Organ Volume Measurement What is the volume of the left kidney?

A: 109.9 B: 156.6 C: 211.9 D: 173.6

Organ HU Value Measurement What is the mean HU value of the spleen?

A: 131.1 B: 124.7 C: 117.5 D: 104.5

Lesion Volume Measurement

What is the total liver lesion volume? A: 16.5 B: 19.4 C: 28.9 D: 14.1

Colon Lesion Recognition

Does the colon have any lesion? A: No B: Yes

Kidney Cyst Recognition Is there at least one cysts in the kidney? A: Yes B: No

Measurement How many liver lesion instances?

Lesion Counting

A: 62 B: 32 C: 25 D: 19

Volume Comparison

Pick the kidney that is bigger in size: A: left kidney B: right kidney C: the same

Adjacent Organs

Recognition

Which anatomical structure borders the largest lesion in

the kidney? A: duodenum B: intestine C: stomach D: spleen

Inter-segment Comparison

Evaluate lesion distribution between segments 2 and 5.

A: Segment 2 has more lesions B: Segment 5 has more

lesions *C*: Both segments have the same number of lesions

fatty metamorphosis of the liver?

Fatty Liver

A: Yes B: No

Lesion Type Classification

Identify whether the largest kidney lesion is a cyst or tumor. A: Cyst B: Tumor

Pancreatic Tumor Staging

How is the pancreatic tumor staged (T1-T4)? A: T2 B: T1 C: T4 D: T3

Based on the liver-to-spleen HU ratio, is there

Pancreatic Cyst Resectability

Should we proceed with surgical resection for the largest pancreatic cyst?

A: No B: Yes