

 SELECT RADIOLOGY SOLUTIONS A Division of Radiology Imaging Associates	Liver / Spleen (Planar)		
Approval: K. Shamlou, MD	rev:2	7/15/2026	

Liver/Spleen (Planar)

Radiopharmaceutical: Tc99m-Sulfur Colloid

Dose: 4 mCi

T1/2: 6 hours

Energy: 140 keV

CPT: 78215

Indications:

Approved indications include, but are not limited to:

1. Abnormal liver function tests (LFTs).
2. Hepatomegaly or splenomegaly
3. Cirrhosis
4. Other liver diseases.
5. Liver trauma.
6. Determination of size, shape, and/or location of liver and spleen.

Patient Preparation:

- No recent barium studies.

Equipment:

1. GE 830 Discovery – LEHRS collimator

Procedure:

1. Inject Tc99m-Sulfur Colloid and wait 10 minutes.
2. Acquire an anterior view with liver marker in place, then anterior, posterior, left lateral, right lateral, LAO, RAO, LPO, and RPO images. All images are 600K counts.

Acquisition Parameters:

- Matrix: 256 x 256
- Zoom: 1.0 (Full Field)
- Total Counts: 1000kcounts
- Position: Supine
- Orientation: Feet First

Processing/Data sets for PACS

- Screen shot of anterior marker image, annotated with marker measurements
- Screen shot of all statics in a single composite image

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