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.
• No other preparation.

Equipment:
1. Philips Skylight (VXUR collimator)
2. Philips Forte (VXUR collimator)
3. Philips Vertex Plus (LEUR 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: 600,000 counts
• Position: Supine
• Orientation: Feet First

Processing:
1. Use ALL IMAGE DISPLAY and choose the ANTERIOR W/ MARKER image.
2. PROCEED.
3. Annotate using the proper default in the PENCIL TOOL menu.
4. SNAPSHOT and QUIT.
5. Left-click on ALL IMAGE DISPLAY and choose the POST, ANT, RT LAT, LT LAT, RAO, LAO, RPO, and LPO images, in that order.
6. Label using the proper default in the PENCIL TOOL menu.
7. SNAPSHOT and QUIT.
8. DOUBLE SNAPSHOT each image ending in "_SS".
9. Type patient history, scan documents, DICOM images to PACS.
10. Place images in proper hanging order and put online for radiologist interpretation.