

## Liver Spleen Scan

**Special Instructions**     **None.**

**To be performed at UNMH and SRMC.**

**Radiopharmaceutical:**     Tc-99m sulfur colloid

**Dose (Adult/Pediatric):**     Refer to Nuclear Medicine Dose Chart

**Route of Administration:**     Intravenous

**Patient Preparation:**     None.

**Equipment Setup:**     Collimator (all cameras): High resolution

Computer setup for all images:

- 256 x 256 matrix
- **Zoom 1.0 (greater for children)**
- static acquisition
- 600K counts per image

**Patient Positioning:**     Supine; place liver and spleen near top of field of view.

**Procedure:**

Wait 20 minutes post injection for imaging.

Acquire all of the following views:

- Anterior supine **with marker over liver (5 cm between marks at UNMH; 14 cm total marker length at SRMC)**
- Posterior without marker
- Anterior without marker
- Posterior **with marker over spleen**
- Right lateral
- Left lateral
- RAO
- RPO
- LAO
- LPO

**Processing:**

Static display:

- Lightboxes/savescreens with labels of all views on same image.
- Be sure to label the images with the marker.
  - UNMH: 'Anterior with 5 cm marker, 'Posterior with 5 cm marker.'

## **Liver Spleen Scan (continued)**

- SRMC: 'Anterior with 14 cm marker, 'Posterior with 14 cm marker.'

### **Items Required For Complete Study:**

- Raw data of all images to PACS
- Lightbox/savescreens (with labels), all views on same image
- Transfer all digital images to PACS
- Complete the examination in RIS