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