

Job Aid: Ultrasound Abdomen Limited (RUQ) Protocol		
Division: SLH,SNGH	Manual:	Locations: Radiology Ultrasound
Original Date: 8/1/2012	Section:	
Owner: Imaging Operations		
Approved By: Richard Thomas, MD, Department Chief		Revision Date: 11/20/13, 3/04/14, 1/20/17,2/06/2020

Organs to be demonstrated: Pancreas, Liver, Rt. Kidney, Gallbladder, Common Bile Duct, and Portal Vein, for direction of blood flow. This order can also be used for ascites search.

- | | |
|--|--|
| <p>1. <u>Transverse Pancreas</u>
3-4 images
Head –show cbd
Body-show duct if large (>4mm)
Tail</p> <p>2. <u>Sagittal Pancreas</u>
1 image
Head</p> <p>3. <u>Sagittal Liver</u>
5-6 images
Left lobe to Right lobe
Demonstrate entire liver
1 image of measurement of rt lobe
Show diaphragm/pleural space</p> <p>4. <u>Transverse Liver</u>
5-6 images
Left to Right lobe
Demonstrate entire liver
Hepatic veins- all 3</p> <p>5. <u>Portal Vein</u>
Measurement/Color flow and Pulsed Doppler
Of Portal Vein for Direction of flow
Show gray scale Left and Right PV</p> <p>6. <u>Sagittal Right Kidney</u>
4-5 images (lat-med)
Mid measurement</p> | <p>7. <u>Transverse Right Kidney</u>
4-5 images (sup-inf)
with mid measurement</p> <p>8. <u>Sagittal Gallbladder</u>
2-3 images (neck, body, fundus)
Distal CBD w/measurement
Repeat in LLD</p> <p>9. <u>Transverse Gallbladder</u>
2-3 images (neck, body, fundus)
1 GB ant wall measurement
Repeat in LLD</p> |
|--|--|

Imaging notes: If indication is hepatitis, cirrhosis, or fatty liver- add 2 images using linear probe of liver contour.

**Elastography protocol: 10 elastography images . Calculating the Average stiffness and STD.
If inconsistent, still perform 10 elastography images and comment inconsistent data, non diagnostic.
If a solid mass is documented please obtain both color and pulsed doppler to prove internal blood flow**

Related Documents:

<i>Policy</i>	N/A
<i>Procedure</i>	N/A