

Right Upper Quadrant

Imaging Protocol: Although only specific images are documented, the liver, pancreas, aorta, right kidney and biliary system should be scanned in detail. The following images will represent the normal RUQ ultrasound exam, but additional images may be necessary for appropriate documentation.

1. Transverse Pancreas

At least 2 images to include head, uncinate process, body and tail

2. Longitudinal Aorta

Mid w/ AP Measurement

Distal w/ AP Measurement

3. Transverse Liver

Left lobe upper

Left lobe area of LHV

Left lobe area of LPV

Right lobe upper

Right lobe level of IVC/hepatic veins

Right lobe level of MPV

4. Longitudinal Liver

Left lobe with proximal aorta

Left lobe with left portal vein

Left lobe with IVC

Right lobe with right portal vein

Right lobe / right kidney

Right lobe lateral to kidney

5. Main Portal Vein

Color image where it enters the liver to determine direction of flow

Hepatopetal- towards the liver

Hepatofugal- away from the liver

6. Longitudinal Right Kidney

Mid with & without measurement (max length)

7. Gall Bladder

Longitudinal LLD

Transverse LLD

Longitudinal Supine

Transverse Supine with GB wall measurement

*use color if GB wall appears thickened

8. Bile Ducts

Longitudinal CHD with measurement

Longitudinal CBD with measurement

GUNDERSEN HEALTH SYSTEM ULTRASOUND DEPARTMENT PROTOCOLS

Scheduling & Prep:

30-minute time slot.

Outpatient: NPO \geq 8 hours. Morning exam times preferable due to NPO status.

Inpatient: NPO \geq 4-6 hours

Urgent Care/Emergency Department: No Prep

Equipment:

Ultrasound unit with a 3.5 MHz transducer.

It may be necessary to have a unit with 2.5 or 5.0 MHz transducers.

Order & Procedure Code:

IMG11528 US ABDOMEN RIGHT UPPER QUADRANT LIMITED

IMG11528A US ABDOMEN RIGHT UPPER QUADRANT LIMITED WITH
ELASTOGRAPHY (See Elastography Protocol)

Approved by:

Jody Riherd MD

Kaylee Waldvogel RDMS RVT MBA