

CT Liver Guideline

Indications: Evaluate known or suspected mass in the liver; cholangiocarcinoma (see notes below)

Oral Contrast: None

IV Contrast: Yes (See [MRG Contrast Media Administration Policy](#));

Scans: (1) Pre-Contrast (2) 40 second delay (3) 90 second delay

FOR CholangioCA: Perform Scans 1, 2, 3 and add Scan (4) 10 MINUTE DELAY

Series	(1)	(2)	(3)	(4) ONLY for CholangioCA
Positioning	Supine- feet first	Supine- feet first	Supine- feet first	Supine- feet first
FOV	Patient size	Patient size	Patient size	Patient size
Axial Reconstruction: Thickness/ Interval/ Algorithm	2-3mm/ 2-3mm/ Soft	2-3mm/ 2-3mm/ Soft	(1) 2-3 mm/2-3mm/Soft (2) 2-3 mm/2-3mm/Sharp	(1) 2-3 mm/2-3mm/Soft
Start Location	Above highest dome of the diaphragm	Above highest dome of the diaphragm	Above highest dome of the diaphragm	Above highest dome of the diaphragm
End Location	Abd: to iliac crest or through entire liver if liver extends into pelvis.	Abd: to iliac crest or through entire liver if liver extends into pelvis.	Abd: to iliac crest or through entire liver if liver extends into pelvis. Abd/Pel: through inferior-most bony pelvis	Abd: to iliac crest or through entire liver if liver extends into pelvis.
Gantry Angle	None	None	None	None
Reformations: Thickness/ Interval/ Algorithm	None	None	(1) Coronal 3mm/3mm/Soft (2) Sagittal 3mm/3mm/Soft	None
Phase of Respiration	Inspiration	Inspiration	Inspiration	Inspiration