

Targeted Ultrasound of Liver (TUSL) (guidelines used at Royal Melbourne Hospital)

Guidelines for Chronic Liver Disease studies

- look at both the Exam request and the Clinical notes to determine the real nature of the request
- For the indications below there is no routine need for renal and pancreas study unless there is some specific indication or finding
- “Survey Liver” means careful look at liver- do not study GB, bile ducts, kidneys, pancreas, spleen or PV Doppler unless findings indicate it is necessary
- **These guidelines should not replace clinical judgement**
- If in doubt sonographers should ask radiologist/registrar before starting

Request	Survey liver for focal lesions	Cirrhosis images : - hep vein (5/6) - hi res surface - hi res left lobe	Lig teres (PUV)	Portal & hep veins, PUV and spleen for portal HT	Elastography (if available)
Screen for HCC ? focal liver lesion	+ ONLY do this				
Known cirrhosis ?HCC	+ ONLY do this				
?cirrhosis ?HCC	+	+	+		+
? fibrosis ?stage of fibrosis ?cirrhosis	+	+	+		+
HBV/HCV initial study	+	+	+		
?FLD/fatty liver/ NASH	+	+	+		
?Portal HT	+	+	+	+	

The report is headed “Targeted liver ultrasound” and includes the following sentence in the template:

Note: this is a targeted examination to address the clinical question and does include other abdominal organs unless otherwise indicated.

Gibson RN. Targeted liver ultrasound for chronic liver disease: time to focus?
Australasian Journal for Ultrasound in Medicine November 2012; 15 (4): 121-125

Nicole Harris, Alexandra Gorelik, Robert N Gibson
Targeted Ultrasound of the Liver: Impact on Scanning Time of a New Approach in Chronic Liver Disease
J Med Imaging Radiat Oncol. 2017 Feb 27. DOI: 10.1111/1754-9485.12595

