

# Liver Transplant US Technologist Worksheet

**St Vincents**   Riverside   Southside   Clay   St Johns   Imaging Center   Arlington ER   Westside ER  
**Optimal**   Forbes   Southside   Clay   Mandarin   Westside   St Johns   Town Center   Orange Park

Patient Name: \_\_\_\_\_ MMI: \_\_\_\_\_ Age: \_\_\_\_\_

History/Symptoms: \_\_\_\_\_

Date of Transplant: \_\_\_\_\_

Reason for Transplant:	Fatty Liver	Nonalcoholic Steatohepatitis	Hepatocellular Carcinoma	Primary Biliary Cirrhosis
	Hepatitis B / C	Alcoholic Liver Disease	Primary Sclerosing Cholangitis	Metastatic Disease

Hepatic Artery	PSV (cm/sec)	RI	$\Delta T$ (msec)
<b>Main</b>			
<b>Right</b>			
<b>Left</b>			

Hepatic Vein Phasicity				
<b>Right</b>	phasic	nonphasic	aphasic (occluded)	pulsatile
<b>Middle</b>	phasic	nonphasic	aphasic (occluded)	pulsatile
<b>Left</b>	phasic	nonphasic	aphasic (occluded)	pulsatile

**Normal hepatic artery findings:** RI 0.5-0.7,  $\Delta T < 80$  msec      **Normal hepatic vein findings:** tri/tetraphasic waveform

<b>Main Portal Vein</b>	cm/sec	towards liver (hepatopedal)	away from liver (hepatofugal)	occluded
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**Normal portal vein findings:** velocity 16-40 cm/sec, hepatopedal flow, MPV  $\leq 13$  mm where it crosses the IVC

<b>IVC Flow</b>	phasic	nonphasic	aphasic (occluded)	pulsatile
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<b>Pancreas</b>	wnl								poor vzld
<b>Aorta</b>	wnl								poor vzld    Max Diameter    cm
<b>IVC</b>	wnl								poor vzld
<b>Liver</b>	wnl								poor vzld    CC Dimension    cm echogenic
<b>Right Kidney</b>	wnl								poor vzld    Size    x    x    cm echogenic
<b>Other/Ascites</b>									

Sonographer's Impression: \_\_\_\_\_

Sonographer's Name, Date & Time: \_\_\_\_\_ # Images \_\_\_\_\_