

Abdominal Duplex US Technologist Worksheet

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

Patient Name:

MMI:

Age:

History/Symptoms:

Diffuse Pain	Nausea	Abnl LFTs	Gallstones	Splenomegaly	Hepatitis B
RUQ Pain	Vomiting	↑ Bilirubin	Pancreatitis	Ascites	Hepatitis C
Epigastric Pain	Constipation	Fatty Liver	Renal Stones	GI Bleeding	IVC Filter
Flank Pain R L	Diarrhea	Cirrhosis	Liver Cancer	Varices	TIPS Shunt

Main Hepatic Artery

PSV	cm/sec
RI	
ΔT	msec

Hepatic Vein Phasicity

Right	phasic	nonphasic	aphasic (occluded)	pulsatile
Middle	phasic	nonphasic	aphasic (occluded)	pulsatile
Left	phasic	nonphasic	aphasic (occluded)	pulsatile

Normal hepatic artery findings: RI 0.5-0.7, ΔT <80 msec

Normal hepatic vein findings: triphasic or tetraphasic waveform

Main Portal Vein Velocity

cm/sec

Portal Vein Direction of Flow

Main	towards liver (hepatopedal)	away from liver (hepatofugal)	occluded
Right	towards liver (hepatopedal)	away from liver (hepatofugal)	occluded
Left	towards liver (hepatopedal)	away from liver (hepatofugal)	occluded

Normal portal vein findings: velocity 16-40 cm/sec, hepatopedal flow, MPV ≤13 mm where it crosses the IVC

IVC Phasicity

phasic	nonphasic	aphasic (occluded)	pulsatile
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Splenic Vein Flow

towards liver (hepatopedal)	away from liver (hepatofugal)	occluded
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Sonographer's Impression:

Sonographer's Name, Date & Time:

Images

Not Intended for Treatment Planning

MI-0642
(Revised 6/2025)

Tech Wrksht - "Abdominal Duplex US Chrtform"