

LIVER VOLUME W ONLY**DX: FOR LIVER VOLUME CALCULATION & VASCULAR MAPPING PRE-INTERVENTION OR LOBAR RESECTION SURGICAL PLANNING****PREP: NPO 4-6 HOURS PRIOR**

Localizer(s)	Frontal (Lateral if required)		
Scan Series	Liver	Abdomen	Liver
Scan Phase	Arterial	Portal venous	15 min delay
Instructions	Inspiration	Inspiration	Inspiration
Contrast Agent	350 or 370	-	-
Volume/Rate	100ml/4.0ml per sec	-	-
Contrast Delay	Aortic peak + 10 sec	80 sec	15 min
Start	Above diaphragms	Above diaphragms	Above diaphragms
End	Bottom of liver	Bifurcation	Bottom of liver
Scan Type	Helical	Helical	Helical
kVp	100-110	100-110	100-110
Target CTDIvol	<12.0 mGy	<12.0 mGy	<10.0 mGy
Max CTDIvol	25 mGy	25 mGy	25 mGy
Max Scan Time	25 sec	25 sec	25 sec
Pitch	0.9-1.75:1	0.9-1.75:1	0.9-1.75:1
DFOV	To body wall	To body wall	To body wall
Send to PACS	AX 1x1 standard	AX 1x1 standard	AX 1x1 standard
	COR 2x2 standard	COR 2x2 standard	COR 2x2 standard
	SAG 3x3 standard	SAG 3x3 standard	SAG 3x3 standard