
 <b>University Health™</b>	<b>POLICY #: Rad Proc 14. 15. 10</b>
<b>SUBJECT:</b> EOVI ST LIVER	<b>Effective: 10/1/2013</b> <b>Revised: 2/2015: 10/2017</b>
<b>APPROVED BY</b> <b>Eduardo Gonzalez-Toledo, MD PhD</b>	<b>Page 1 of 2</b>

ORIENTATION: FEET FIRST/SUPINE      COIL: HD BODYFULL

PLANE	3 Plan Loc SSFSE BH	Calibraion scan BH	Ax Dualecho F SPGR BH Asset	AX LAVA BH PRE, 20.70, 5 MIN	Ax T2 SSFSE BH FAT Sat ASSAET	Ax T2 FRFSE BH ASSET	Ax 2D FIESTA ASSET						
SEQ	Spin Echo	Gradient Echo	SPGR	LAVA	Spin Echo	FRFSE-XL	Fiesta	Spin Echo	Spin Echo	Spin Echo	Spin Echo	LAVA	OP Ax TS FRFSE R Tr
MODE	2D	2D	2D	3D	2D	2D	2D	2D	2D	2D	2D	3D	2D
IMAGING OPTIONS	Seq/Fast/SS	Fast/ Calib	Fast/ ZIP512/Asset	Fast/ ZIP512/Asset MPhvAR	Fast/SS/Asset	TRF/Fast/ ZIP512/Asset FR	Seq/Fast/ Asset	EPI/RT/DIFF/Asset	EPI/RT/DIFF/Asset	EPI/DIFF/Asset	EPI/DIFF/Asset	Fast/ ZIP512/Asset	TRF/Fast/ RT/ FR
TE	80				90	90	Min Full	Minimum	Minimum	Minimum	Minimum		90
TR	Minimum		175		Minimum	2500							2500
FLIP ANGLE			80	12			75					12	
ETL													13
BW	62.5			62.5	83.33	25	100					62.5	50
FOV	48	48	40	40	40	40	40	38	38	38	38	40	40
SLICE THICKNESS	8	15	7	4.4	7	7	7	7	7	7	7	4.4	8
SLICE SPACING	5	0	1	1	1	1	1	0	0	0	0		1
Frequency	320		256	320	320	256	224	128	128	128	128	320	320
Phase	192		224	192	224	192	320	128	128	128	128	192	224
NEX			1			1	1						4

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PHASE FOV	1		1	0.9	1	1	1	1	1	1	1	0.9	1
FREQ DIR	Unswap	A/P	R/L	R/L	R/L	R/L	R/L	R/L	R/L	R/L	R/L	R/L	R/L
FLOW COMP DIR													
SHIM	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
PHASE CORRECT	Off	Off	Off	Off	Off	ON	Off	ON	ON	ON	ON	ON	ON

NOTES: Call the Radiologist to review the images before administering contrast

Utilize Eovist for this exam, Use 0.025 mmol/kg. body weight for age 2 and older per Dr. Sangster; under age 2 consult Radiologist

Acquire the dual echo sequence and call the radiologist to review the image. Then acquire the LAVA pre and post images.

AX LAVA PRE and POST: The mask will be acquired first, then the scanner will pause and the green light will appear. Inject contrast and wait 20 seconds, then start the scan. At 70 seconds, the green light will not appear again. Just click on scan to start this scan. At 5 minutes, the green light will not appear again. Just click on scan to start this scan. Send the mask, each phase, and the subtractions for each phase to PACS.

While waiting for the 20 min delay images, acquire the ax ssfse fs, ax frfse, and ax fiesta fs.

AX LAVA 20 min delay: This sequence will not be automatically subtracted. If copied and pasted in the exact position as the other lava images, it may be manually subtracted if needed. Contrast should be seen in the bile duct on this image.

OP AX FRFSE Rtr may be utilized if the pt is unable to breathe hold for the exam.