
 University Health™	POLICY #: Rad Proc 14. 15. 16
SUBJECT: : PRE UAE PELVIS	Effective: 10/1/2013 Revised: 2/2015: 10/2017
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ORIENTATION: FEET FIRST/SUPINE

COIL: HD BODYFULL

PLANE	3 PLN LOC	CALIB.	SAG 2D FIESTA FS	AX T2	AX T1	AX LAVA	COR TRICKS C+	AX LAVA C+	COR LAVA C+
SEQ	SPIN ECH	GRE	FIESTA	FSE- XL	FSE- XL	LAVA	TRICKS	LAVA	LAVA
MODE	2D	2D	2D	2D	2D	3D	3D	3D	3D
IMAGING OPTIONS	SEQ/FAS T/SS	FAST/CALI	NPW/SEQ /FAST	FC/NPW/ED R/FAST	FC/NPW/EDR/FAST	FAST/ZIP2/ASSET	FAST/ZIP2	FAST/ZIP2/ASSET	FAST/ZIP2/ASSET
TE	80 ms+		MIN FULL	102. ms+	MIN FULL		MIN		
TR	MIN			3267.ms +	384 ms+				
TI									
FLIP ANGLE			75			12	25	12	12
ETL				21	3				
BW	83.33		100.00	22.73	22.73	62.50	62.50	62.50	62.50
FOV	44	48	26	21	26	32	40	32	38
SLICE THICKNESS	8	9	5	5	5	5	4	5	5
SLICE SPACING	10	0	1	1	1	48 LOCS/SL	LOCS/SL 44	48 LOCS/SL	48 LOCS/SL
Frequency	320		224	256	256	320	256	320	320
Phase	192		320	192	192	192	192	192	192
NEX			3	2	2		0.5	1	1
PHASE FOV	1					1	0.8	1	1
FREQ DIR	UNSWAP	R/L	S/I	RS/I	R/L	R/L	S/I	R/L	R/L
FLOW COMP DIR			FREQ	FREQ	FREQ				
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO		AUTO	AUTO
PHASE CORRECT	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF

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NOTES: This protocol will be utilized when an MRI pelvis is ordered for a UAE planning. Be sure to include the whole pelvic ring, per Dr. Sangster (Don't clip iliac arteries).

COR TRICKS: Include the sequence when a UAE workup is indicated in the hx or as directed by the Radiologist. Include from the renal arteries down through the uterus/uterine arteries. NOTE: DO NOT increase the number of locs, as this will increase the temp. res. We need this to stay as low as possible. If you need a wider box, increase the slice thickness. The protocol is set to acquire 21 phases. This will allow you to acquire both arterial and venous phases. Send the mask, the 21 images, any subtracted images that correspond to the best of the 21 phases, and any reformats you create. For example, if image number 305 is the best, send 305 as well. Check with the Radiologist to see if any other phases should be sent to PACS. ** DO NOT SEND THE ENTIRE TRICKS PORTION OF THE EXAM TO PACS. **

Dotarem for this exam, Use 0.2 mL/kg body weight for age 2 and older per Dr. Sangster; under age 2 consult Radiologist

COR LAVA C+: May have to increase the FOV or number of locs depending on pt body habitus to reduce aliasing artifacts. May also take aliasing off and put on npw, but breath hold time will double.