

 University Health™	POLICY #: Rad Proc 14. 15. 2
SUBJECT: KIDNEYS	Effective: 10/1/2013 Revised: 2/2015: 10/2017
APPROVED BY Eduardo Gonzalez-Toledo, MD Phd	Page 1 of 2

ORIENTATION: FEET FIRST/SUPINE

COIL: HD BODYFULL

PLANE	3 PLN LOC	CALIBRATION	AX SSFSE BH Fat Sat ASSET	AX T2 FRFSE BH ASSET	AX 2D FIESTA FS	AX 3D DUAL ECHO	AX DWI B500	AX lava BH Asset PRE, 30, 70, 5 MIN	COR LAVA Post 5 MIN	OP AX T2 FRFSE R Tr	Op Dualecho FSPGR BG Asset AX	OP AX LAVA BH NON FS
SEQ	Spin Echo	GRE	SPIN ECHO	FRFSE-XL	FIESTA	SPGR	SPIN ECHO	LAVA	LAVA	FRFSE-XL	SPGR	LAVA
MODE	2D	2D	2D	2D	2D	3D	2D	3D	3D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST/ SS	FAST/C ALIB	FAST/SS/AS SET	TRF/FAST/FR / ZIP512/ASSE T	SEQ/FAST/ ASSET	EDR/FAST/ZIP 512/ARC	EPI/RT/DI FF/Asset	FAST/ZIP2/ ASSET/MPh Var	FAST/ZIP2 /ASSET	TRF/FAST/ RT/FR	Fast/ZUP512 /Asset	FAST/ZIP2/A sset
TE	80 ms+		90 ms +	90 ms +	MIN FULL	MIN FULL	Minimum			90 ms		
TR	MIN		MIN	2100 ms							175	
FLIP ANGLE					70	12		12	12		80	12
ETL				16						13		
BW	62.50		83.33	25	100	62.50		62.50	62.50	50.00		
FOV	40	48	40	40	40	40	38	40	40	40	40	40
SLICE THICKNE SS	8	15	7	7	7	4	7	3	3	7	7	3
SLICE SPACING	5	0	1	1	1		0	48 LOCS/SL	48 LOCS/SL	1	1	
Frequenc y	320		320	256	224	320	200	320	320	320	256	320
Phase	192		224	224	320	192	160	192	192	224	224	192
NEX				1	1				1	4	1	
PHASE FOV	1		1	1	.80	.90	1	0.9	0.9	1.00	1	.90
FREQ DIR	UNSWAP	A/P	R/L	R/L	R/L	R/L	R/L	R/L	S/I	UNSWAP	R/L	R/L
FLOW												

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COMP												
DIR												
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	ON	Off	OFF
CORRECT												

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

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 30 seconds, then start the scan. At 60 seconds, the green light will not appear again. Just click on scan to start this scan. At 90 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.

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

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