

 University Health™	POLICY #: Rad Proc 14. 15. 21
SUBJECT: PED 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 S S SFSE BH Fat Sat ASSET	AX T2 FRFSE BH ASSET	AX 2D FIESTA FATSAT	AX 3D DUAL ECHO	AX DWI b 500	AX LAVA BH ASSET pre 30/70/5 MIN	POST 5 MIN COR LAVA BH Asset	Op AX T2 FRFSE R TR	OP AX Dualecho FSPSGR BH Asset
SEQ	Spin Echo	GRE	SPIN ECHO	Spin Echo	FRFSE-XL	FIESTA	SPGR	SPIN ECHO	LAVA	LAVA	FRFSE-XL	SPGR
MODE	2D	2D	2D	2D	2D	2D	3D	2D	3D	3D	2D	2D
IMAGING OPTIONS	SEQ/FAST/ SS	FAST/C ALIB	FAST/SS/AS SET	FAST/SS/ASS ET	TRF/FAST/ ZIP512/ ASSET	SEQ/FAST/AS SET	EDR/FAST /ZIP2/ARC	EPI/RT/DIFF/ Asset	FAST/ZIP2 /ASSET/M PHVar	FAST/ZIP2 /Asset	TRF/FASR/R T/FR	FAST/ZIP2/A sset
TE	80 ms+		90 ms +	90 ms +	90 ms+	MIN FULL	Min FULL	Minimum				
TR	MIN		MIN	Minimum	2100.						256	175
FLIP ANGLE						70	12		12	12	192	80
ETL				16	19							
BW	62.50		83.33	83.33	22.73	83.33	62.50		62.50	62.50	50	
FOV	40	48	40	25	25	25	25	25	25	30	25	25
SLICE THICKNE SS	8	15	7	5	5	1	3	5	3	3	5	5
SLICE SPACING	5	0	1	1	1		0		48 LOCS/SL	48 LOCS/SL	1	1
Frequenc y	320		320	256	256	192	256	96	256	256	256	256
Phase	192		224	192	192	288	192	96	192	192	192	192
NEX					1	1						1
PHASE FOV	1		1	1	1	.80	.90	1	.90	.90	1	1
FREQ DIR	UNSWAP	A/P	R/L	R/L	R/L	R/L	R/L	R/L	R/L	S/I	Unswap	R/L
FLOW COMP												

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DIR												
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
CORRECT												

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

AX DWI b 500

Acquire slices through the organs of interest. Place a shim volume over the organ of interest. The shim volume fov should just cover the organ of interest. Perform RTf per Dr. Sangster. Create an ADC map only for this series per Dr. Sangster choose the ADC map in mm²/sec per Dr. Sangster. Adjust confidence level to 1.0

AX LAVA BH ASSET pre 30/70/5 MIN

Please acquire the pre/post I none acquisition/series so the machine will automatically perform subtractions. The multiphase option is selected as well as auto-subtract, which makes this possible. The mask or pre contrast Lava will be acquired first, then inject and image at 30, 70, seconds and 5 minutes under the same acquisition

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