

 University Health™	POLICY #: Rad Proc 14. 16. 12
SUBJECT: DIABETIC FOOT	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 FOOT ANKLE/QUAD KNEE

PLANE	3 PLN LOC	SAG STIR	SAG T1 FSE	COR STIR	AX STIR	SAG T1 FS	SAG T1 FS C+	OP T1 IDEAL	OP T1 IDEAL POST
SEQ	GRE	FSE IR	FSE XL	FSE IR	FSE IR	FSE XL	FSE XL	FSE XL	IDEAL
MODE	2D	2D	2D	2D	2D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST	FC/NPW/SEQ/FAST	FC/NPW/EDR/TRF/FAST	FC/NPW/SEQ/FAST	FC/NPW/SEQ/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	NPW/TFR/FAST/IDEAL	NPW/TRF/FAST/IDEAL
TE		50 ms	Min Full	50 ms	50 ms	MIN FULL	MIN FULL	MIN FULL	MIN FULL
TR		3800 ms	400 ms	3800 ms	3800 ms	317 ms	400-600 ms	417ms	417 ms
TI		150		150ms	150 ms				
FLIP ANGLE									
ETL		8	3	8	8	3	2	3	3
BW		15.63	31.25	31.25	31.25	15.63	15.63	41.67	41.67
FOV	20	20	20	16	16	20	20		20
SLICE THICKNESS	5	4	4	4	4	4	4	4	4
SLICE SPACING	5	1	1	1	1	1	1	1	1
Frequency	256	320	320	320	320	256	256	256	256
Phase	128	224	224	224	224	192	192	192	192
NEX	1	2	2	2	2	2	2	2	1
PHASE FOV	1								
FREQ DIR	UNSWAP	S/I	AUTO	UNSWAP	UNSWAP	S/I	UNSWAP	S/I	S/I
FLOW COMP DIR		FREQ	FREQ	FREQ	FREQ	FREQ	FREQ		
SHIM	OFF	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	ON	ON	ON	ON	ON	ON	ON

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Notes: Mark the area of interest. If the fat is not suppressed, scan the forefoot

When scanning the entire foot, if the fat sat is not suppressed, scan the forefoot and hind foot with a smaller fov, as per Dr. Simoncini. Split these into two separate scans, as per Dr. Simoncini, when evaluating the foot for osteomyelitis, it is difficult to determine whether or not the patient truly has osteomyelitis when the fat is not suppressed well pre and post contrast. Please evaluate the quality of the fat sat images pre contrast. IF THE FAT DOES NOT SUPPRESS, TRY A SMALLER FOW, PER DR. SIMONCINI IF THE FAT IS STILL NOT UNIFORMLY SUPRESSED, DO T1 PR AND POST WITHOUT FATSAT.

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