PROTOCOL: HIP OSTEOMYELITIS/TUMOR WWO

COIL: High channel count (12+) body array coil

PLOTTING: On whole pelvis sequences - true axial and true coronal

POSITIONING: Supine. Hip INTERNAL ROTATION - sandbag lateral to foot / or tape toes

CLINICAL INDICATIONS/ HISTORY: INFECTION, OSTEOMYELITIS, TUMOR

TIPS: On Siemens use "seatbelt" straps to bring coil close to lateral thighs. Have patient empty bladder immediately before start of scan

COVERAGE: Whole pelvis coronal: Entire pubic symphysis, entire sacrum/coccyx
Unilateral: Entire hip, ischium, trochanters. Anterior to pubic symphysis
Whole pelvis axial: Above iliac crest to below lesser trochanter
FOV may need to be enlarged to include entire affected area

SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE/ SEQ TYPE	Averages (NEX)	BW (Hz/pixel)	ETL	TR RANGE	TE RANGE	TI	FLIP ANGLE	SLICE/GAP (mm)	FOV (cm)	Resolution	Phase Axis	Send to PACS	Fat sat
1	Whole pelvis AX	STIR	2D/FSE	1	150-180	8-12	3500-6000	20-30	140 - 150	>130	5/0.5	30-42	256 x 256	RL	FULL SERIES	
2	Whole pelvis COR	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	5/0.5	36-44	256 x 256	SI	FULL SERIES	NONE
3	AX	T1	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3.5/0	18-22	256 x 256	AP	FULL SERIES	NONE
4	AX	T2	2D/FSE	1	150-180	8-12	3500-6000	65-75		>130	3.5/0	18-22	256 X 256	AP	FULL SERIES	NONE
5	COR	T2FS	2D/FSE	1	150-180	8-12	3500-6000	65-75		>130	3.5/0	18-22	256 X 256	SI	FULL SERIES	WEAK
6	SAG	STIR	2D/FSE	1	150-180	8-12	3500-6000	20-30	140 - 150	>130	3.5/0	18-22	256 x 256	SI	FULL SERIES	
IF WO/W PRE-GAD: 7	AX	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3.5/0	18-22	256 X 256	AP	FULL SERIES	WEAK
GIVE CONTRAST																
POST-GAD: 8	AX	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3.5/0	18-22	256 X 256	AP	FULL SERIES	WEAK
POST-GAD: 9	Whole pelvis COR	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	5/0.5	36-44	256 x 256	SI	FULL SERIES	WEAK