

PROTOCOL: HIP ARTHROGRAM

POSITIONING: Supine. Hip INTERNAL ROTATION - sandbag lateral to foot / or tape toes of both feet together with sandbag between heels

PLOTTING: On whole pelvis sequences - true axial and true coronal Unilateral coronal and sagittal = true coronal, true sagittal Unilateral oblique axial = LONG AXIS of femoral neck (off coronal)

COVERAGE: Whole pelvis coronal: Entire pubic symphysis, entire sacrum/coccyx Whole pelvis axial: Above iliac crest to below lesser trochanter Unilateral: Anterior to pubic symphysis, posterior to ischial tuberosity Unilateral: Lateral to greater trochanter, medial to ischial tuberosity & joint

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

CLINICAL INDICATIONS/HISTORY: LABRAL TEAR, IMPINGEMENT, LIGAMENT INJURY

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

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	COR	PD	2D/FSE	2	150-180	8-12	3500-6000	38-45		>130	3.5/0	18-20	512 x 352-384	SI	FULL SERIES	NONE
4	SAG	PDFS	2D/FSE	1	150-180	8-12	3500-6000	38-45		>130	3.5/0	18-20	256 x 256	SI	FULL SERIES	WEAK
5	SAG	PD	2D/FSE	2	150-180	8-12	3500-6000	38-45		>130	3.5/0	18-20	512 x 352-384	SI	FULL SERIES	NONE
6	AX OBL	T1FS	2D/FSE	1	150-180	2-3	450-650	8-10		>130	3.5/0	18-20	256 x 256	AP	FULL SERIES	WEAK
7A&B	AX hip/knee	T1 (use body coil for knees)	2D/FSE	1	150-180	2-3	450-650	8-10		>130	5/0	30-42	160 x 160	AP	FULL SERIES	NONE

only 7-10 slices fem head/neck and fem condyles at knee