

Anatomy: **LOWER EXTREMITY**  
 Sub-Anatomy: **Bilateral Hips AVN W/WO - 3T**

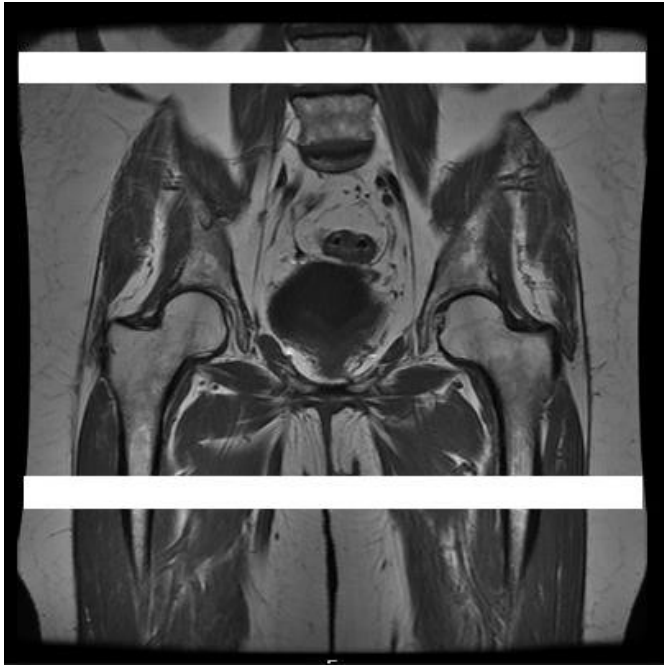
- Exams  
 - Routine

Coil: **TORSO COIL**

SEQUENCE - BASICS				VARIABLE PARAMETERS													
PLANE	SEQ	Slice Thickness (mm)	Misc / Comment	MT X	FOV (cm)	% RFOV	Slices	Pixel size (mm)	T R	TE	FA/TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift
ROUTINE																	
1	3 plane scout		Only use GRE														
2	Cor T1 PELVIS	4mm	PELVIS L4-5 to lesser trochs					0.5x0.6									
3	Cor STIR PELVIS	4mm	PELVIS L4 to lesser trochs														
4	Ax T2 FS/mDIXON PELVIS/ BILATERAL HIPS	4mm	PELVIS L4-5 to lesser trochs					0.5x0.6									
5	Ax T1 PELVIS/BILATERAL HIPS	4mm	PELVIS L4-5 to lesser trochs														
6	Ax DWI PELVIS/BILATERAL HIPS	5mm/0mm	PELVIS L4-5 to lesser trochs				B = 50,400, 800										
7	Cor T1 mDIXON PELVIS PRE	1mm iso	PELVIS														
8	Ax Dynamic HR 30 bilateral	Start injection at image #3	Just cover hips bilaterally				30 dynamics										
9	Cor T1 mDIXON PELVIS POST	1mm iso	PELVIS														

Instructions: **FOV and Coverage**- AXIAL COVERAGE SHOULD BE FROM TOP OF THE ILIAC CREST TO THE LESSER TROCHANTERS. CORONAL COVERAGE SHOULD INCLUDE THE ENTIRE PELVIC GIRDLE AND THE HIP JOINTS DOWN TO THE LESSER TROCHANTERS. COVERAGE IS BILATERAL FOR ALL SCANS

**\*\*The dynamic scan will be exactly the same timing as the Prostate - start scan first, wait until the 3<sup>rd</sup> image, and inject. 30 dynamic scans total**



AXIAL COVERAGE FOR PELVIS  
HIP ONLY