

# MRI Hip Arthrogram

Updated 10/08/19

Reviewed 05/14/25

Use field-of-view (FOV) and angulations as in the images in the hip routine protocol.

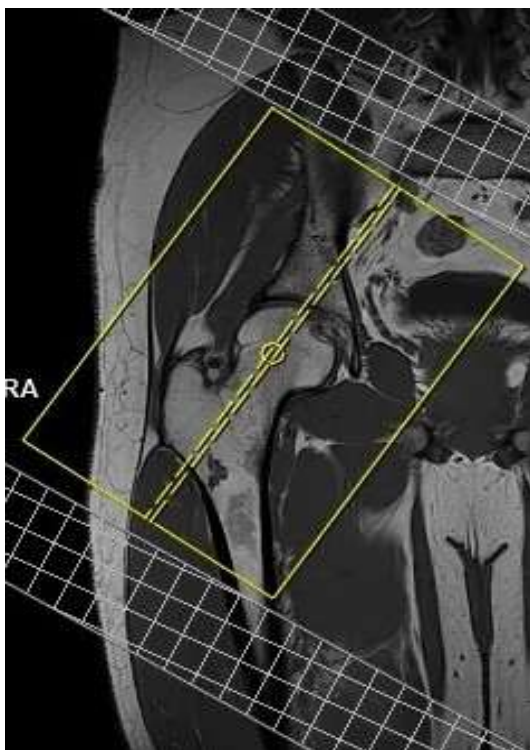
The oblique planes are relative to the long axis of the femoral neck as visualized in the coronal plane (see below images):

The axial oblique plane is parallel to the long axis of the femoral neck

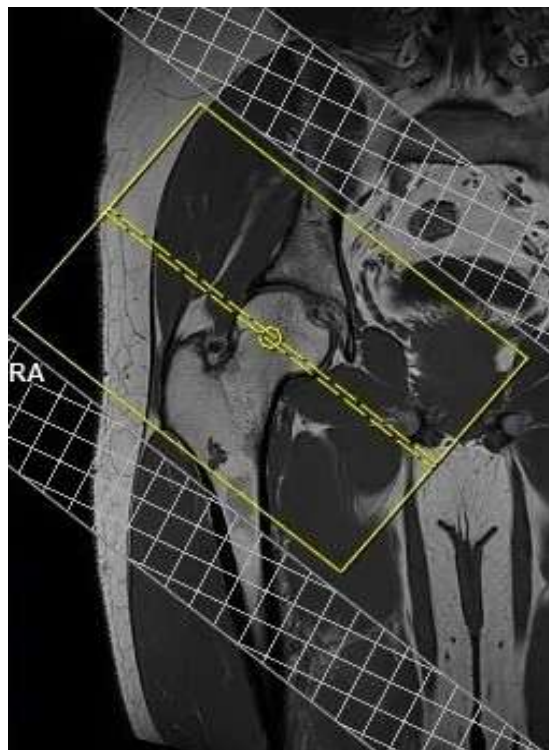
The sagittal oblique plane is perpendicular to the long axis of the femoral neck

Go to MRIMaster.com for a guide of proper positioning.

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 FS AX	ax	yes	5	1	top
T1	T1 SAG	sag	no	4	0.5	lateral
T1	T1 FS SAG	sag	yes	4	0.5	lateral
T1	T1 FS COR	cor	yes	5	1.5	front
T2	T2 FS COR	cor	yes	5	1.5	front
T1	T1 FS OBL AX	obl ax	yes	4	0.5	top
T1	T1 FS OBL SAG	obl sag	yes	4	0.5	front



**Axial Oblique**  
(parallel to long axis of the femoral neck)



**Sagittal Oblique**  
(perpendicular to long axis of the femoral neck)