

## Routine Hip MRI

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### General parameters (1.5 T magnets):

For all T1 sequences, please keep TE below 20 (between 10 and 15 if possible); TR 500-600.

For all T2 FS sequences, use equivalent of FSE/TSE. TE of mid to upper 50's is the most ideal for Siemens, 60-65 for GE, and ~ 60 for Toshiba.

It is important to have TE long enough for T2 weighting but not so long that it is signal starved.

For STIR, TI = ~ 135

- cor T1 (whole pelvis)
- cor STIR (whole pelvis)
- ax T2 FS – small FOV, hip of interest only (FOV = 18 to 24 cm)
- cor T2 FS – small FOV, hip of interest only
- sag T1 – small FOV, hip of interest only
- sag T2 FS – small FOV, hip of interest only
- oblique ax T2 FS – small FOV, hip of interest only