

Trauma Hip MRI

Reviewed By: Lawrence Tang, MD

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Contact: (866) 761-4200, Option 1

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

Comments: Reserved for ER/urgent care/prompt care patients to "rule out hip fracture"

****All sequences done for the whole pelvis*

- cor T1 (whole pelvis)
- cor STIR (whole pelvis)
- ax T1 (whole pelvis)
- ax T2 FS (whole pelvis)