

## Bone Marrow Survey

**Reviewed By:** Lawrence Tang, MD

**Last Reviewed:** February 2019

**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

- sag only entire spine
- cor only pelvis
- Two sag stations to include the entire spine
  - Upper half of total spine
    - sag T1
    - sag STIR
  - Lower half of total spine
    - sag T1
    - sag STIR
  - Pelvis
    - cor T1
    - cor STIR