

## **Routine Breast Protocol (1.5 Siemens Espree Magnet)**

### **T1 Axial Non- Fat Sat (fl3d Vibe)**

Slice thickness 1.0mm with a 20% gap

320 mm FOV (adjust if necessary)

Slab volume scan 224 slices

TR 7.98

TE 4.78

Matrix 323X448

### **Stir Axial**

Slice thickness 4.0mm with 20% gap

320mm FOV (adjust if necessary)

TR 5310

TE 72

TI 170

Averages 2

Matrix 320X320

### **Axial Dynamic Fl3d Vibe (pre run to check fat sat) Scan time 1.12 seconds (do not change)**

Slice thickness 1.2 mm-1.9 mm (variable per coverage needed)

Slab volume scan 144 slices (do not change slices adjust thickness only)

TR 4.56

TE 2.24

Matrix 384X384

### **Pause (prep power injector)**

**Axial Dynamic Fl3d Vibe 1+5 -1:12 sec pre contrast, followed by 30 sec pause (inject), followed by 5 consecutive dynamic scans total time 7:41 sec)**

**(same parameters as above)**

**T1 Axial Fat Sat post gad (fl3d vibe) RECON THIS SCAN INTO SAG MPR.**

Slice thickness 1.0mm with a 20% gap

320 mm FOV (adjust if necessary)

Slab volume scan 224 slices

TR 7.98

TE 4.78

Matrix 323X448

**Silicone Implant Protocol**

**T1 Axial Non- Fat Sat (fl3d Vibe)**

**Stir Axial**

**Stir Axial Water Sat (implants bright)**

**Stir Axial Silicone Suppression (TI 400)**

**Left T2 FS Sag (pick silicone peak, silicone will be gray)**

**Right T2 FS Sag (pick silicone peak, silicone will be gray)**