

\\USER\MPI\praveen\20230119_TRTE\peSpiral_R4_TE2_TR8_vTR3

TA: 5:56 PM: FIX Voxel size: 1.0×1.0×1.0 mmPAT: 4 Rel. SNR: 1.00 : d2097b4

Properties

| | |
|---|--------------------|
| Prio recon | Off |
| Load images to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load images to stamp segments | Off |
| Load images to graphic segments | Off |
| Auto open inline display | Off |
| Auto close inline display | Off |
| Start measurement without further preparation | Off |
| Wait for user to start | Off |
| Start measurements | Single measurement |

Routine

| | |
|--------------------|--------------------|
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 20 % |
| Position | R9.4 A1.3 F20.7 mm |
| Orientation | T > C-31.3 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Slice oversampling | 11.1 % |
| Slices per slab | 18 |
| FoV read | 200 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 8.00 ms |
| TE | 2.00 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | None |
| Coil elements | R01-31 |

Contrast - Common

| | |
|------------|---------------------|
| TR | 8.00 ms |
| TE | 2.00 ms |
| Flip angle | 17 deg |
| Fat suppr. | Water excit. normal |

Contrast - Dynamic

| | |
|-------------------|-----------|
| Averages | 1 |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 156 |
| Pause after meas. | 0.0 s |

Resolution - Common

| | |
|-----------------------|---------|
| FoV read | 200 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| Base resolution | 200 |
| Radial views | 56 |
| Slice resolution | 100 % |
| Slice partial Fourier | Off |
| Trajectory | Spiral |

Resolution - iPAT

| | |
|----------------------|--------|
| PAT mode | GRAPPA |
| Spiral accel. factor | 4 |
| Ref. lines PE | 32 |

Resolution - iPAT

| | |
|---------------------|--------------|
| Accel. factor 3D | 1 |
| Ref. lines 3D | 20 |
| CaipiDelta | 0 |
| Reference scan mode | GRE/separate |

Resolution - Filter Image

| | |
|-------------------|-----|
| Image Filter | Off |
| Distortion Corr. | Off |
| Prescan Normalize | Off |
| Normalize | Off |
| B1 filter | Off |

Resolution - Filter Rawdata

| | |
|-------------------|-----|
| Raw filter | Off |
| Elliptical filter | Off |

Geometry - Common

| | |
|--------------------|--------------------|
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 20 % |
| Position | R9.4 A1.3 F20.7 mm |
| Orientation | T > C-31.3 |
| Phase enc. dir. | A >> P |
| Slice oversampling | 11.1 % |
| Slices per slab | 18 |
| FoV read | 200 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 8.00 ms |
| Multi-slice mode | Sequential |
| Series | Ascending |
| Concatenations | 1 |

Geometry - AutoAlign

| | |
|---------------------|--------------------|
| Slab group | 1 |
| Position | R9.4 A1.3 F20.7 mm |
| Orientation | T > C-31.3 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Initial Position | R9.4 A1.3 F20.7 |
| R | 9.4 mm |
| A | 1.3 mm |
| F | 20.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | T > C |
| T > C | -31.3 |
| > S | 0.0 |

Geometry - Tim Planning Suite

| | |
|-------------------|------|
| Set-n-Go Protocol | Off |
| Table position | H |
| Table position | 0 mm |
| Inline Composing | Off |

System - Miscellaneous

| | |
|------------------|-----------|
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |

System - Miscellaneous

| | |
|---------------------|----------------|
| Coronal | A >> P |
| Transversal | F >> H |
| Coil Combine Mode | Sum of Squares |
| Save uncombined | Off |
| Matrix Optimization | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Standard |
| B1 Shim mode | TrueForm |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|---------------|--------------------|
| ! Position | R6.5 A8.0 F18.0 mm |
| ! Orientation | T > C-31.2 |
| ! Rotation | 0.00 deg |
| ! A >> P | 173 mm |
| ! R >> L | 200 mm |
| ! F >> H | 23 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|-----------|
| B1 Shim mode | TrueForm |
| Excitation | Slab-sel. |

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 399.717497 MHz |
| Correction factor | 1 |
| Gain | Low |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Sequence - Part 1

| | |
|------------------|------------|
| Introduction | On |
| Dimension | 3D |
| Asymmetric echo | Off |
| Contrasts | 1 |
| Multi-slice mode | Sequential |
| Sequence Type | bSSFP |
| Bandwidth | 1667 Hz/Px |

Sequence - Part 2

| | |
|-------------------|-----------|
| Segments | 1 |
| Trufi delta freq. | 0 Hz |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Slab-sel. |
| RF spoiling | Off |

Sequence - Special

| | |
|-------------------|--------------|
| Spiral Type | Spiral Out |
| Loop Order | Lin. in Par. |
| spiral OS | 1 |
| Preparation scans | 200 |
| Grad. Amp. | 1.0 fraction |
| Slew Rate | 0.8 fraction |
| RF-Duration | 400 us |

Sequence - Special

| | |
|---------------------|-----|
| Time-BW-Product | 5.0 |
| Gadgetron Reco | Off |
| Invert SliSel | On |
| WaterExc: Long Mode | On |
| WaterExc: Bipolar | On |
| Flip per Frame | Off |
| Perform FOV Shift | Off |
| Skope Measurement | Off |

Sequence - Assistant

| | |
|------|-----|
| Mode | Off |
|------|-----|