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|--------------------------|
| Table of contents |
|--------------------------|

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| | |
|---|-------|
| <table border="1"><tr><td>FMRIF</td></tr></table> | FMRIF |
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| <table border="1"><tr><td><table border="1"><tr><td>[XT-ID:93-M-0170]]Renzo</td></tr></table></td></tr></table> | <table border="1"><tr><td>[XT-ID:93-M-0170]]Renzo</td></tr></table> | [XT-ID:93-M-0170]]Renzo |
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| <table border="1"><tr><td><table border="1"><tr><td>slab_fMRI_AP_BOLD</td></tr></table></td></tr></table> | <table border="1"><tr><td>slab_fMRI_AP_BOLD</td></tr></table> | slab_fMRI_AP_BOLD |
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\\USER\FMRIF\[XT-ID:93-M-0170]\Renzo\4Joana\slab_fMRI_AP_BOLD

TA: 8:21 PM: FIX Voxel size: 0.8×0.8×0.8 mmPAT: 4 Rel. SNR: 1.00 : nih5k

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 |
| Position | R7.2 P12.9 H9.8 mm |
| Orientation | T > C-32.8 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Slab Scale | -10 % |
| Slices per slab | 44 |
| FoV read | 180 mm |
| FoV phase | 99.1 % |
| Slice thickness | 0.80 mm |
| TR 1 | 51.8 ms |
| TR 2 | 2679 ms |
| TE 1 | 17.60 ms |
| Averages | 1 |
| Filter | None |
| Coil elements | AC |

Contrast - Common

| | |
|--------------------|----------|
| TR 1 | 51.8 ms |
| TR 2 | 2679 ms |
| TE 1 | 17.60 ms |
| Multi-echo spacing | 44.2 ms |
| Magn. preparation | None |
| Flip angle | 18 deg |
| Fat suppr. | Fat sat. |
| Magn. Prep. Shots | 1 |

Contrast - Dynamic

| | |
|-------------------|-------------|
| Averages | 1 |
| Averaging mode | Short term |
| Reconstruction | Magn./Phase |
| Measurements | 182 |
| Pause after meas. | 0.0 s |

Resolution - Common

| | |
|-----------------------|---------|
| FoV read | 180 mm |
| FoV phase | 99.1 % |
| Slice thickness | 0.80 mm |
| Base resolution | 226 |
| Phase resolution | 100 % |
| Slice resolution | 100 % |
| Phase partial Fourier | 6/8 |
| Slice partial Fourier | Off |
| Interpolation | Off |

Resolution - iPAT

| | |
|----------------------|---------------|
| PAT mode | CAIPIRINHA |
| Acc. factor PE | 2 |
| Ref. lines PE | 80 |
| Acc. factor 3D | 2 |
| Ref. lines 3D | 36 |
| CAIPI 3D Shift | 1 |
| Reference Scan Mode | EPI/separate |
| CAIPI Mode (tooltip) | Skipped-CAIPI |
| Total PAT factor | 4 |

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 |
| Position | R7.2 P12.9 H9.8 mm |
| Orientation | T > C-32.8 |
| Phase enc. dir. | A >> P |
| Slab Scale | -10 % |
| Slices per slab | 44 |
| FoV read | 180 mm |
| FoV phase | 99.1 % |
| Slice thickness | 0.80 mm |
| TR 1 | 51.8 ms |
| TR 2 | 2679 ms |

Geometry - AutoAlign

| | |
|---------------------|--------------------|
| Slab group | 1 |
| Position | R7.2 P12.9 H9.8 mm |
| Orientation | T > C-32.8 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Initial Position | R7.2 P12.9 H9.8 |
| R | 7.2 mm |
| P | 12.9 mm |
| H | 9.8 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | T > C |
| T > C | -32.8 |
| > S | 0.0 |

Geometry - Saturation

| | |
|-----------------|----------|
| Saturation mode | Standard |
| Fat suppr. | Fat sat. |

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 | L >> R |
| Coronal | P >> A |
| 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 | Brain |
| B1 Shim mode | TrueForm |
| Confirm freq. adjustment | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|---------------|--------------------|
| ! Position | R9.8 P16.9 H5.4 mm |
| ! Orientation | T > C-32.3 |
| ! Rotation | 90.00 deg |
| ! R >> L | 195 mm |
| ! A >> P | 175 mm |
| ! F >> H | 61 mm |
| Reset | Off |

System - pTx Volumes

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

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 297.178851 MHz |
| Correction factor | 1 |
| Gain | Low |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ! Ref. amplitude 1H | 220.000 V |

Sequence - Part 1

| | |
|--------------|------------|
| Introduction | On |
| Dimension | 3D |
| Reordering | Linear |
| Contrasts | 1 |
| Echo spacing | 1.03 ms |
| Bandwidth | 1106 Hz/Px |

Sequence - Part 2

| | |
|---------------|-----------|
| EPI factor | 42 |
| Segmentation | 2 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Slab-sel. |
| RF spoiling | On |
| Turbo factor | 44 |

Sequence - Special

| | |
|----------------|---------|
| PATRef FA | 3 deg |
| RF duration | 2500 us |
| RF BWT product | 10 |

Sequence - Special

| | |
|-----------------------|---------------------|
| Ernst T1 | 1200 ms |
| PATRef prep. shots | 10 |
| Volume dummy shots | 0 |
| Dummy Measurements | 0 |
| ETL per RTEB | 1 |
| Invert PE | Off |
| Min. TE if PF | On |
| Echo Time Shift | On |
| Ramp Sampling | On |
| NORDIC | On |
| SVDPC | On |
| Sym VASO | Off |
| Dual-pol. EPI | Off |
| Invert RO | Off |
| Invert 3D | Off |
| Disable PF reco | Off |
| Disable PF reco | Off |
| Save sampling | Off |
| PE VComp | Off |
| Water Exc. | -none- |
| External PC | per Series |
| Saturation RF | per Shot |
| FIDNavs | -none- |
| EPI rise time factor | 1.10 |
| Mosaic DICOMs | On |
| Modify Ice Config | On |
| G-factor map | Off |
| GRAPPA Regularization | 10 10 ⁻⁶ |
| Var. FA /MAGEC | 1 |

Sequence - Assistant

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