

SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\INVESTIGATORS\Buckner\PPG_Project1_MMem\3D_FLAIR

TA: 4:32 PAT: 2 Voxel size: 1.0x1.0x1.5 mm Rel. SNR: 1.00 SIEMENS: tse_vfl

Properties

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

| | |
|-------------------|------|
| Prescan Normalize | On |
| Normalize | Off |
| B1 filter | Off |
| Raw filter | On |
| Intensity | Weak |
| Slope | 25 |
| Elliptical filter | Off |

Geometry

| | |
|-------------------|------|
| Special sat. | None |
| Set-n-Go Protocol | Off |
| Table position | H |
| Table position | 0 mm |
| Inline Composing | Off |

Routine

| | |
|--------------------|-------------------------------|
| Slab group 1 | |
| Slabs | 1 |
| Position | R2.8 A24.2 F7.0 |
| Orientation | Sagittal |
| Phase enc. dir. | A >> P |
| Rotation | 12.50 deg |
| Phase oversampling | 0 % |
| Slice oversampling | 0.0 % |
| Slices per slab | 120 |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.50 mm |
| TR | 6000 ms |
| TE | 454 ms |
| Averages | 1.0 |
| Concatenations | 1 |
| Filter | Raw filter, Prescan Normalize |
| Coil elements | HEA;HEP |

System

| | |
|--------------------------|--------------------|
| Body | Off |
| HEP | On |
| HEA | On |
| Positioning mode | REF |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Coil Combine Mode | Adaptive Combine |
| AutoAlign | Head > Brain Atlas |
| Auto Coil Select | Default |
| Shim mode | Standard |
| Adjust with body coil | Off |
| Confirm freq. adjustment | Off |
| Assume Silicone | Off |
| ? Ref. amplitude 1H | 0.000 V |
| Adjustment Tolerance | Auto |
| Adjust volume | |
| Position | R2.8 A24.2 F7.0 |
| Orientation | Sagittal |
| Rotation | 12.50 deg |
| F >> H | 256 mm |
| A >> P | 256 mm |
| R >> L | 180 mm |

Contrast

| | |
|-------------------|------------------|
| MTC | Off |
| Magn. preparation | Non-sel. IR |
| TI | 2100 ms |
| Fat suppr. | None |
| Water suppr. | None |
| Restore magn. | Off |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Multiple series | Each measurement |

Physio

| | |
|-----------------|------|
| 1st Signal/Mode | None |
| Dark blood | Off |
| Resp. control | Off |

Resolution

| | |
|-----------------------|---------------|
| Base resolution | 256 |
| Phase resolution | 99 % |
| Slice resolution | 100 % |
| Phase partial Fourier | Allowed |
| Slice partial Fourier | 6/8 |
| Interpolation | Off |
| PAT mode | GRAPPA |
| Accel. factor PE | 2 |
| Ref. lines PE | 24 |
| Accel. factor 3D | 1 |
| Matrix Coil Mode | Auto (Triple) |
| Reference scan mode | Integrated |
| Image Filter | Off |
| Distortion Corr. | Off |
| Unfiltered images | Off |

Inline

| | |
|----------------------|-----|
| Subtract | Off |
| Std-Dev-Sag | Off |
| Std-Dev-Cor | Off |
| Std-Dev-Tra | Off |
| Std-Dev-Time | Off |
| MIP-Sag | Off |
| MIP-Cor | Off |
| MIP-Tra | Off |
| MIP-Time | Off |
| Save original images | On |

Sequence

| | |
|--------------|----|
| Introduction | On |
| Dimension | 3D |

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| | |
|----------------|-----------|
| Bandwidth | 698 Hz/Px |
| Flow comp. | No |
| Allowed delay | 0 s |
| Echo spacing | 3.4 ms |
| Adiabatic-mode | Off |

| | |
|-----------------------|-------------|
| Define | Echo trains |
| Turbo factor | 139 |
| Slice turbo factor | 2 |
| Echo trains per slice | 1 |
| Echo train duration | 921 |
| RF pulse type | Normal |
| Gradient mode | Fast |
| Excitation | Non-sel. |
| Flip angle mode | T2 var |