

SIEMENS MAGNETOM TrioTim syngo MR B17

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TA: 3:22 PAT: 2 Voxel size: 0.6x0.4x2.5 mm Rel. SNR: 1.00 SIEMENS: tse

Properties

| | |
|---|--------|
| Prio Recon | Off |
| Before measurement | |
| After measurement | |
| Load to viewer | On |
| Inline movie | Off |
| Auto store images | On |
| Load to stamp segments | On |
| 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 |

Routine

| | |
|--------------------|-----------|
| Slice group 1 | |
| Slices | 22 |
| Dist. factor | 30 % |
| Position | Isocenter |
| Orientation | Coronal |
| Phase enc. dir. | R >> L |
| Rotation | 0.00 deg |
| Phase oversampling | 100 % |
| FoV read | 140 mm |
| FoV phase | 100.0 % |
| Slice thickness | 2.5 mm |
| TR | 5000 ms |
| TE | 63 ms |
| Averages | 2 |
| Concatenations | 1 |
| Filter | Normalize |
| Coil elements | SHS |

Contrast

| | |
|-------------------|------------------|
| MTC | Off |
| Magn. preparation | None |
| Flip angle | 150 deg |
| Fat suppr. | Fat sat. |
| Fat sat. mode | Weak |
| Water suppr. | None |
| Restore magn. | On |
| ----- | |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Multiple series | Each measurement |

Resolution

| | |
|-----------------------|------------------|
| Base resolution | 320 |
| Phase resolution | 75 % |
| Phase partial Fourier | Off |
| Trajectory | Cartesian |
| Interpolation | Off |
| ----- | |
| PAT mode | GRAPPA |
| Accel. factor PE | 2 |
| Ref. lines PE | 32 |
| Matrix Coil Mode | Auto (Triple) |
| Reference scan mode | Self-calibration |
| ----- | |
| Image Filter | Off |
| Distortion Corr. | Off |
| Prescan Normalize | Off |

| | |
|-------------------|--------|
| Normalize | On |
| Intensity | Medium |
| Cut off | 20 |
| Width | 4 |
| Unfiltered images | On |
| B1 filter | Off |
| Raw filter | Off |
| Elliptical filter | Off |

Geometry

| | |
|-------------------|-------------|
| Multi-slice mode | Interleaved |
| Series | Interleaved |
| ----- | |
| Special sat. | None |
| ----- | |
| Set-n-Go Protocol | Off |
| Table position | H |
| Table position | 0 mm |
| Inline Composing | Off |
| ----- | |
| Tim CT mode | Off |

System

| | |
|--------------------------|------------------|
| Body | Off |
| SHS | On |
| ----- | |
| Positioning mode | FIX |
| MSMA | S - C - T |
| Sagittal | L >> R |
| Coronal | A >> P |
| Transversal | H >> F |
| Coil Combine Mode | Adaptive Combine |
| AutoAlign | --- |
| 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 | Isocenter |
| Orientation | Coronal |
| Rotation | 0.00 deg |
| F >> H | 140 mm |
| R >> L | 140 mm |
| A >> P | 71 mm |

Physio

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

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| | |
|----------------------|-----|
| MIP-Tra | Off |
| MIP-Time | Off |
| Save original images | On |

Sequence

| | |
|---------------------|-----------|
| Introduction | On |
| Dimension | 2D |
| Compensate T2 decay | Off |
| Reduce Motion Sens. | Off |
| Contrasts | 1 |
| Bandwidth | 217 Hz/Px |
| Flow comp. | No |
| Allowed delay | 60 s |
| Echo spacing | 10.5 ms |

| | |
|-----------------------|--------------|
| Define | Turbo factor |
| Turbo factor | 13 |
| Echo trains per slice | 19 |
| RF pulse type | Low SAR |
| Gradient mode | Fast |