

# SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\ebeall\anatomic\NMSS\_fmri\_product\ep2d\_pace\_pmu\_float\_137

TA: 6:24 PAT: Off Voxel size: 2.0x2.0x4.0 mm Rel. SNR: 1.00 USER: ep2dPacePmuCCFEBB1\_2

## 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 |

## Routine

|                    |             |
|--------------------|-------------|
| Slice group 1      |             |
| Slices             | 31          |
| Dist. factor       | 0 %         |
| Position           | Isocenter   |
| Orientation        | Transversal |
| Phase enc. dir.    | A >> P      |
| Rotation           | 0.00 deg    |
| Phase oversampling | 0 %         |
| FoV read           | 256 mm      |
| FoV phase          | 100.0 %     |
| Slice thickness    | 4.0 mm      |
| TR                 | 2800 ms     |
| TE                 | 29 ms       |
| Averages           | 1           |
| Concatenations     | 1           |
| Filter             | None        |
| Coil elements      | HEA;HEP     |

## Contrast

|                 |           |
|-----------------|-----------|
| MTC             | Off       |
| Flip angle      | 80 deg    |
| Fat suppr.      | Fat sat.  |
| Averaging mode  | Long term |
| Reconstruction  | Magnitude |
| Measurements    | 137       |
| Delay in TR     | 0 ms      |
| Multiple series | Off       |

## Resolution

|                       |           |
|-----------------------|-----------|
| Base resolution       | 128       |
| Phase resolution      | 100 %     |
| Phase partial Fourier | 6/8       |
| Interpolation         | Off       |
| PAT mode              | None      |
| Matrix Coil Mode      | Auto (CP) |
| Distortion Corr.      | Off       |
| Prescan Normalize     | Off       |
| Raw filter            | On        |
| Elliptical filter     | Off       |
| Hamming               | Off       |

## Geometry

|                  |             |
|------------------|-------------|
| Multi-slice mode | Interleaved |
| Series           | Interleaved |
| Special sat.     | None        |

## System

|                   |                |
|-------------------|----------------|
| Body              | Off            |
| HEP               | On             |
| HEA               | On             |
| Positioning mode  | REF            |
| Table position    | H              |
| Table position    | 0 mm           |
| MSMA              | S - C - T      |
| Sagittal          | R >> L         |
| Coronal           | A >> P         |
| Transversal       | F >> H         |
| Coil Combine Mode | Sum of Squares |
| Auto Coil Select  | Default        |

|                          |             |
|--------------------------|-------------|
| Shim mode                | Advanced    |
| 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              | Transversal |
| Rotation                 | 0.00 deg    |
| R >> L                   | 256 mm      |
| A >> P                   | 256 mm      |
| F >> H                   | 124 mm      |

## Physio

|                 |      |
|-----------------|------|
| 1st Signal/Mode | None |
|-----------------|------|

## BOLD

|                         |            |
|-------------------------|------------|
| GLM Statistics          | Off        |
| Dynamic t-maps          | Off        |
| Starting ignore meas    | 0          |
| Ignore after transition | 0          |
| Model transition states | On         |
| Temp. highpass filter   | On         |
| Threshold               | 4.00       |
| Paradigm size           | 20         |
| Meas[1]                 | Baseline   |
| Meas[2]                 | Baseline   |
| Meas[3]                 | Baseline   |
| Meas[4]                 | Baseline   |
| Meas[5]                 | Baseline   |
| Meas[6]                 | Baseline   |
| Meas[7]                 | Baseline   |
| Meas[8]                 | Baseline   |
| Meas[9]                 | Baseline   |
| Meas[10]                | Baseline   |
| Meas[11]                | Active     |
| Meas[12]                | Active     |
| Meas[13]                | Active     |
| Meas[14]                | Active     |
| Meas[15]                | Active     |
| Meas[16]                | Active     |
| Meas[17]                | Active     |
| Meas[18]                | Active     |
| Meas[19]                | Active     |
| Meas[20]                | Active     |
| Motion correction       | On         |
| Interpolation           | 3D-K-space |
| Spatial filter          | Off        |

## Sequence

|              |     |
|--------------|-----|
| Introduction | Off |
|--------------|-----|

## SIEMENS MAGNETOM TrioTim syngo MR B17

|                       |            |
|-----------------------|------------|
| Bandwidth             | 1954 Hz/Px |
| Free echo spacing     | Off        |
| Echo spacing          | 0.69 ms    |
| <hr/>                 |            |
| EPI factor            | 128        |
| RF pulse type         | Normal     |
| Gradient mode         | Fast       |
| <hr/>                 |            |
| Ice Program           | Float      |
| Disabled Acquisitions | Off        |
| Acquire Physio Files  | On         |