

Table of contents

\USER

Zanetta

Epilepsy

Human_01272025

\$RESEARCH_DEVELOPMENT_BAETE
SCOUT
BRAIN MAPPING AX 3D MPR
BRAIN MAPPING AX 3D MPR
svs_edit_859G
svs_edit_859G_water_RFOFF
svs_edit_859G_PCC_196av_27mm_1500TR
svs_edit_859G_PCC_196av_27mm_1500TR_noWS
svs_edit_859G_PCC_196av_27mm_2000TR
svs_edit_859G_PCC_196av_27mm_2000TR_noWS
svs_se_30_PCC_196_2000TR_2mmiso
svs_se_30_mPFC_196_2000TR_22mm_noWS
svs_se_30_PCC_196_2000TR_2mmiso
svs_se_30_PCC_196_2000TR_22mm_noWS
svs_edit_859G_PCC_196av_27mm_2000TR
svs_edit_859G_mPFC_196av_27mm_2000TR_noWS

\\USER\Zanetta\Epilepsy\Human_01272025\RESEARCH_DEVELOPMENT_BAETE

TA: 0.2 s PM: REF Rel. SNR: 1.00 : fid

Properties

| | |
|---|--------------------|
| Prio recon | Off |
| Load images to viewer | Off |
| 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 | On |
| Wait for user to start | Off |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------|
| TR | 200 ms |
| TE | 0.15 ms |
| Averages | 1 |
| Filter | None |
| Coil elements | HE2,4;NE2;SP1 |

Contrast

| | |
|----------------|-------------|
| TR | 200 ms |
| TE | 0.15 ms |
| Pulse Duration | 0.10 ms |
| Averages | 1 |
| Flip angle | 0 deg |
| Pulse type | Rectangular |
| Water suppr. | None |
| Measurements | 1 |

Resolution - Common

| | |
|-------------------|-----|
| Prescan Normalize | Off |
| Vector size | 128 |

Geometry - AutoAlign

| | |
|---------------------|-------------|
| Initial Position | Isocenter |
| Phase | 0 mm |
| Read | 0 mm |
| Shift | 0 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | Transversal |

System - Miscellaneous

| | |
|----------------------|---------------------|
| Positioning mode | REF |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| Coil Select Mode | On - AutoCoilSelect |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Tune up |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | Off |
| Adjust with body coil | Off |
| Confirm freq. adjustment | Off |

System - Adjustments

| | |
|----------------------|------|
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|-------------|
| Position | Isocenter |
| Orientation | Transversal |
| Rotation | 0.00 deg |
| A >> P | 263 mm |
| R >> L | 350 mm |
| F >> H | 350 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1 |
| Gain | Low |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|--------|
| 1st Signal/Mode | None |
| TR | 200 ms |

Sequence - Common

| | |
|----------------------|---------|
| Preparation scans | 0 |
| Phase cycling | None |
| Acquisition delay | 0.1 ms |
| Bandwidth | 1000 Hz |
| Acquisition duration | 128 ms |
| Remove oversampling | Off |

Sequence - Nuclei

| | |
|-----------------------|---------------|
| TX/RX Nucleus | 1H |
| TX/RX delta frequency | 0 Hz |
| NOE type | None |
| TX Nucleus | None |
| TX delta frequency | 0 Hz |
| Decoupling type | None |
| Coil elements | HE2,4;NE2;SP1 |

\\USER\Zanetta\Epilepsy\Human_01272025\SCOUT

TA: 0:15 PM: REF Voxel size: 1.1×1.1×5.0 mmPAT: 2 Rel. SNR: 1.00 : h

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 | On |
| Wait for user to start | Off |
| Start measurements | Single measurement |

Routine

| | |
|--------------------|---|
| Slice group | 1 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.9 P7.7 H33.6 mm |
| Orientation | Coronal |
| Phase enc. dir. | R >> L |
| Slice group | 2 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.9 P9.1 H33.6 mm |
| Orientation | Sagittal |
| Phase enc. dir. | A >> P |
| Slice group | 3 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.8 P9.1 H32.0 mm |
| Orientation | Transversal |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Phase oversampling | 0 % |
| FoV read | 220 mm |
| FoV phase | 100.0 % |
| Slice thickness | 5.0 mm |
| TR | 1000.0 ms |
| TE | 105 ms |
| Averages | 1 |
| Concatenations | 15 |
| Filter | Prescan Normalize, Elliptical filter |
| Coil elements | HE2,4;NE2 |

Contrast - Common

| | |
|-------------------|-----------|
| TR | 1000.0 ms |
| TE | 105 ms |
| TD | 0.0 ms |
| MTC | Off |
| Magn. preparation | None |
| Flip angle | 120 deg |
| Fat suppr. | None |
| Water suppr. | None |
| Restore magn. | Off |

Contrast - Dynamic

| | |
|----------------|-----------|
| Averages | 1 |
| Averaging mode | Long term |
| Reconstruction | Magnitude |
| Measurements | 1 |

Contrast - Dynamic

| | |
|-----------------|------------------|
| Multiple series | Each measurement |
|-----------------|------------------|

Resolution - Common

| | |
|-----------------------|---------|
| FoV read | 220 mm |
| FoV phase | 100.0 % |
| Slice thickness | 5.0 mm |
| Base resolution | 192 |
| Phase resolution | 100 % |
| Phase partial Fourier | 5/8 |
| Interpolation | Off |

Resolution - iPAT

| | |
|---------------------|------------|
| PAT mode | GRAPPA |
| Accel. factor PE | 2 |
| Ref. lines PE | 27 |
| Reference scan mode | Integrated |

Resolution - Filter Image

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

Resolution - Filter Rawdata

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

Geometry - Common

| | |
|------------------|--------------------|
| Slice group | 1 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.9 P7.7 H33.6 mm |
| Orientation | Coronal |
| Phase enc. dir. | R >> L |
| Slice group | 2 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.9 P9.1 H33.6 mm |
| Orientation | Sagittal |
| Phase enc. dir. | A >> P |
| Slice group | 3 |
| Slices | 5 |
| Dist. factor | 0 % |
| Position | L0.8 P9.1 H32.0 mm |
| Orientation | Transversal |
| Phase enc. dir. | A >> P |
| FoV read | 220 mm |
| FoV phase | 100.0 % |
| Slice thickness | 5.0 mm |
| TR | 1000.0 ms |
| Multi-slice mode | Single shot |
| Series | Interleaved |
| Concatenations | 15 |

Geometry - AutoAlign

| | |
|-------------|--------------------|
| Slice group | 1 |
| Position | L0.9 P7.7 H33.6 mm |
| Orientation | Coronal |

Geometry - AutoAlign

| | |
|---------------------|--------------------|
| Phase enc. dir. | R >> L |
| Slice group | 2 |
| Position | L0.9 P9.1 H33.6 mm |
| Orientation | Sagittal |
| Phase enc. dir. | A >> P |
| Slice group | 3 |
| Position | L0.8 P9.1 H32.0 mm |
| Orientation | Transversal |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Initial Position | L0.9 P7.7 H33.6 |
| Phase | 0.9 mm |
| Read | -33.6 mm |
| Shift | 7.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | Coronal |

Geometry - Saturation

| | |
|---------------|------|
| Fat suppr. | None |
| Water suppr. | None |
| Restore magn. | Off |
| Special sat. | None |

Geometry - Navigator**Geometry - Tim Planning Suite**

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

System - Miscellaneous

| | |
|---------------------|---------------------|
| Positioning mode | REF |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | L >> R |
| Coronal | A >> P |
| Transversal | F >> H |
| Coil Combine Mode | Adaptive Combine |
| Save uncombined | Off |
| Matrix Optimization | Off |
| AutoAlign | --- |
| Coil Select Mode | On - AutoCoilSelect |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Tune up |
| B1 Shim mode | TrueForm |
| Adjust with body coil | On |
| Confirm freq. adjustment | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|-------------|
| Position | Isocenter |
| Orientation | Transversal |
| Rotation | 0.00 deg |
| A >> P | 263 mm |
| R >> L | 350 mm |
| F >> H | 350 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|-----------|
| 1st Signal/Mode | None |
| TR | 1000.0 ms |
| Concatenations | 15 |

Physio - Cardiac

| | |
|-------------------|---------|
| Magn. preparation | None |
| Fat suppr. | None |
| Dark blood | Off |
| FoV read | 220 mm |
| FoV phase | 100.0 % |
| Phase resolution | 100 % |

Physio - PACE

| | |
|----------------|-----|
| Resp. control | Off |
| Concatenations | 15 |

Inline - Common

| | |
|----------------------|-----|
| Subtract | Off |
| Measurements | 1 |
| StdDev | Off |
| Save original images | On |

Inline - MIP

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

Inline - Composing

| | |
|------------------|-----|
| Inline Composing | Off |
| Distortion Corr. | Off |

Sequence - Part 1

| | |
|------------------|-------------|
| Introduction | Off |
| Dimension | 2D |
| Contrasts | 1 |
| Flow comp. | No |
| Multi-slice mode | Single shot |
| Echo spacing | 6.16 ms |
| Bandwidth | 357 Hz/Px |

Sequence - Part 2

| | |
|---------------|--------|
| RF pulse type | Normal |
| Gradient mode | Fast |
| Hypercho | On |
| Turbo factor | 192 |

Sequence - Assistant

| | |
|---------------|------|
| Mode | Off |
| Allowed delay | 30 s |

\\USER\Zanetta\Epilepsy\Human_01272025\BRAIN MAPPING AX 3D MPR

TA: 5:06 PM: FIX Voxel size: 1.0×1.0×1.0 mmPAT: 2 Rel. SNR: 1.00 : tfl

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 | 50 % |
| Position | L3.2 A3.2 H5.6 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Phase oversampling | 0 % |
| Slice oversampling | 33.3 % |
| Slices per slab | 192 |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 2200.0 ms |
| TE | 3.17 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | Normalize |
| Coil elements | HE1-4;NE1,2;SP1 |

Contrast - Common

| | |
|-------------------|---------------|
| TR | 2200.0 ms |
| TE | 3.17 ms |
| Magn. preparation | Slice-sel. IR |
| TI | 900 ms |
| Flip angle | 9 deg |
| Fat suppr. | None |
| Water suppr. | None |

Contrast - Dynamic

| | |
|-----------------|------------------|
| Averages | 1 |
| Averaging mode | Short term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Multiple series | Each measurement |

Resolution - Common

| | |
|-----------------------|---------|
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| Base resolution | 256 |
| Phase resolution | 100 % |
| Slice resolution | 100 % |
| Phase partial Fourier | Off |
| Slice partial Fourier | Off |
| Interpolation | Off |

Resolution - iPAT

| | |
|---------------------|------------|
| PAT mode | GRAPPA |
| Accel. factor PE | 2 |
| Ref. lines PE | 24 |
| Accel. factor 3D | 1 |
| Reference scan mode | Integrated |

Resolution - Filter Image

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

Resolution - Filter Rawdata

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

Geometry - Common

| | |
|--------------------|-------------------|
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 50 % |
| Position | L3.2 A3.2 H5.6 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| Slice oversampling | 33.3 % |
| Slices per slab | 192 |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 2200.0 ms |
| Multi-slice mode | Single shot |
| Series | Interleaved |
| Concatenations | 1 |

Geometry - AutoAlign

| | |
|---------------------|-------------------|
| Slab group | 1 |
| Position | L3.2 A3.2 H5.6 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Initial Position | L3.2 A3.2 H5.6 |
| Phase | -4.1 mm |
| Read | -3.3 mm |
| Shift | 5.0 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | T > C |
| T > C | -10.0 |
| > S | 0.7 |

Geometry - Navigator**Geometry - Tim Planning Suite**

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

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | FIX |
|------------------|-----|

System - Miscellaneous

| | |
|---------------------|------------------|
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | L >> R |
| Coronal | A >> P |
| Transversal | F >> H |
| Coil Combine Mode | Adaptive Combine |
| Save uncombined | Off |
| Matrix Optimization | Off |
| Coil Focus | Flat |
| AutoAlign | --- |
| Coil Select Mode | On - Coil Memory |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Standard |
| B1 Shim mode | TrueForm |
| Adjust with body coil | On |
| Confirm freq. adjustment | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|-------------------|
| Position | L3.2 A3.2 H5.6 mm |
| Orientation | T > C-10.0 > S0.7 |
| Rotation | 0.00 deg |
| A >> P | 256 mm |
| R >> L | 256 mm |
| F >> H | 192 mm |
| Reset | Off |

System - pTx Volumes

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

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1 |
| Gain | Low |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|-----------|
| 1st Signal/Mode | None |
| TR | 2200.0 ms |
| Concatenations | 1 |

Physio - Cardiac

| | |
|-------------------|---------------|
| Magn. preparation | Slice-sel. IR |
| T1 | 900 ms |
| Fat suppr. | None |
| Dark blood | Off |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Phase resolution | 100 % |

Physio - PACE

| | |
|----------------|-----|
| Resp. control | Off |
| Concatenations | 1 |

Inline - Common

| | |
|----------|-----|
| Subtract | Off |
|----------|-----|

Inline - Common

| | |
|----------------------|-----|
| Measurements | 1 |
| StdDev | Off |
| Save original images | On |

Inline - MIP

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

Inline - Composing

| | |
|------------------|-----|
| Inline Composing | Off |
| Distortion Corr. | Off |

Inline - Maplt

| | |
|----------------------|-----------|
| Save original images | On |
| Maplt | None |
| Flip angle | 9 deg |
| Measurements | 1 |
| TR | 2200.0 ms |
| TE | 3.17 ms |

Sequence - Part 1

| | |
|---------------------|-------------|
| Introduction | Off |
| Dimension | 3D |
| Elliptical scanning | Off |
| Reordering | Linear |
| Asymmetric echo | Off |
| Flow comp. | No |
| Multi-slice mode | Single shot |
| Echo spacing | 6.5 ms |
| Bandwidth | 260 Hz/Px |

Sequence - Part 2

| | |
|-------------------------|-----------|
| RF pulse type | Fast |
| Gradient mode | Fast |
| Excitation | Slab-sel. |
| RF spoiling | On |
| Incr. Gradient spoiling | Off |
| Turbo factor | 256 |

Sequence - Assistant

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

\\USER\Zanetta\Epilepsy\Human_01272025\BRAIN MAPPING AX 3D MPR

TA: 5:06 PM: FIX Voxel size: 1.0×1.0×1.0 mmPAT: 2 Rel. SNR: 1.00 : tfl

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 | 50 % |
| Position | L6.9 A6.6 H2.9 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Phase oversampling | 0 % |
| Slice oversampling | 33.3 % |
| Slices per slab | 192 |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 2200.0 ms |
| TE | 3.17 ms |
| Averages | 1 |
| Concatenations | 1 |
| Filter | Normalize |
| Coil elements | HE1-4 |

Contrast - Common

| | |
|-------------------|---------------|
| TR | 2200.0 ms |
| TE | 3.17 ms |
| Magn. preparation | Slice-sel. IR |
| TI | 900 ms |
| Flip angle | 9 deg |
| Fat suppr. | None |
| Water suppr. | None |

Contrast - Dynamic

| | |
|-----------------|------------------|
| Averages | 1 |
| Averaging mode | Short term |
| Reconstruction | Magnitude |
| Measurements | 1 |
| Multiple series | Each measurement |

Resolution - Common

| | |
|-----------------------|---------|
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| Base resolution | 256 |
| Phase resolution | 100 % |
| Slice resolution | 100 % |
| Phase partial Fourier | Off |
| Slice partial Fourier | Off |
| Interpolation | Off |

Resolution - iPAT

| | |
|---------------------|------------|
| PAT mode | GRAPPA |
| Accel. factor PE | 2 |
| Ref. lines PE | 24 |
| Accel. factor 3D | 1 |
| Reference scan mode | Integrated |

Resolution - Filter Image

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

Resolution - Filter Rawdata

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

Geometry - Common

| | |
|--------------------|-------------------|
| Slab group | 1 |
| Slabs | 1 |
| Dist. factor | 50 % |
| Position | L6.9 A6.6 H2.9 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| Slice oversampling | 33.3 % |
| Slices per slab | 192 |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Slice thickness | 1.00 mm |
| TR | 2200.0 ms |
| Multi-slice mode | Single shot |
| Series | Interleaved |
| Concatenations | 1 |

Geometry - AutoAlign

| | |
|---------------------|-------------------|
| Slab group | 1 |
| Position | L6.9 A6.6 H2.9 mm |
| Orientation | T > C-10.0 > S0.7 |
| Phase enc. dir. | A >> P |
| AutoAlign | --- |
| Initial Position | L6.9 A6.6 H2.9 |
| Phase | -7.0 mm |
| Read | -6.9 mm |
| Shift | 1.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | T > C |
| T > C | -10.0 |
| > S | 0.7 |

Geometry - Navigator**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 |

System - Miscellaneous

| | |
|---------------------|------------------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | L >> R |
| Coronal | A >> P |
| Transversal | F >> H |
| Coil Combine Mode | Adaptive Combine |
| Save uncombined | Off |
| Matrix Optimization | Off |
| AutoAlign | --- |
| Coil Select Mode | On - Coil Memory |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Standard |
| B1 Shim mode | TrueForm |
| Adjust with body coil | On |
| Confirm freq. adjustment | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|-------------------|
| Position | L6.9 A6.6 H2.9 mm |
| Orientation | T > C-10.0 > S0.7 |
| Rotation | 0.00 deg |
| A >> P | 256 mm |
| R >> L | 256 mm |
| F >> H | 192 mm |
| Reset | Off |

System - pTx Volumes

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

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1 |
| Gain | Low |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|-----------|
| 1st Signal/Mode | None |
| TR | 2200.0 ms |
| Concatenations | 1 |

Physio - Cardiac

| | |
|-------------------|---------------|
| Magn. preparation | Slice-sel. IR |
| TI | 900 ms |
| Fat suppr. | None |
| Dark blood | Off |
| FoV read | 256 mm |
| FoV phase | 100.0 % |
| Phase resolution | 100 % |

Physio - PACE

| | |
|----------------|-----|
| Resp. control | Off |
| Concatenations | 1 |

Inline - Common

| | |
|--------------|-----|
| Subtract | Off |
| Measurements | 1 |
| StdDev | Off |

Inline - Common

| | |
|----------------------|----|
| Save original images | On |
|----------------------|----|

Inline - MIP

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

Inline - Composing

| | |
|------------------|-----|
| Inline Composing | Off |
| Distortion Corr. | Off |

Inline - MapIt

| | |
|----------------------|-----------|
| Save original images | On |
| MapIt | None |
| Flip angle | 9 deg |
| Measurements | 1 |
| TR | 2200.0 ms |
| TE | 3.17 ms |

Sequence - Part 1

| | |
|---------------------|-------------|
| Introduction | Off |
| Dimension | 3D |
| Elliptical scanning | Off |
| Reordering | Linear |
| Asymmetric echo | Off |
| Flow comp. | No |
| Multi-slice mode | Single shot |
| Echo spacing | 6.5 ms |
| Bandwidth | 260 Hz/Px |

Sequence - Part 2

| | |
|-------------------------|-----------|
| RF pulse type | Fast |
| Gradient mode | Fast |
| Excitation | Slab-sel. |
| RF spoiling | On |
| Incr. Gradient spoiling | Off |
| Turbo factor | 256 |

Sequence - Assistant

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

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G

TA: 8:42 PM: REF Vol: 22 x22 x22 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 172 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|------------|
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 172 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|-----|
| Prescan Normalize | Off |
| Vector size | 512 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R21.0 P41.9 H4.7 |
| Phase | -19.9 mm |
| Read | 28.5 mm |
| Shift | 31.8 mm |
| Initial Rotation | 89.09 deg |
| Initial Orientation | T > C |
| T > C | -41.7 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.09 deg |
| R >> L | 22 mm |
| A >> P | 22 mm |
| F >> H | 22 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.04 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 1500 ms |

Sequence - Common

| | |
|----------------------|----------|
| Preparation scans | 4 |
| Delta frequency | -1.7 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 1200 Hz |
| Acquisition duration | 426 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|--------------------------|----------|
| RFA | On |
| # FreqAdj interval (TRs) | 7 |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_water_RFOFF

TA: 0:54 PM: REF Vol: 22 x22 x22 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 16 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|-------------|
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|-----|
| Prescan Normalize | Off |
| Vector size | 512 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R21.0 P41.9 H4.7 |
| Phase | -19.9 mm |
| Read | 28.5 mm |
| Shift | 31.8 mm |
| Initial Rotation | 89.09 deg |
| Initial Orientation | T > C |
| T > C | -41.7 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R21.0 P41.9 H4.7 mm |
| Orientation | T > C-41.7 > S1.2 |
| Rotation | 89.09 deg |
| R >> L | 22 mm |
| A >> P | 22 mm |
| F >> H | 22 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.04 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 1500 ms |

Sequence - Common

| | |
|----------------------|----------|
| Preparation scans | 4 |
| Delta frequency | -1.7 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 1200 Hz |
| Acquisition duration | 426 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|-----------------------|----------|
| RFA | Off |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_PCC_196av_27mm_1500TR

TA: 9:54 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol F >> H | 27 mm |
| Vol A >> P | 27 mm |
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 196 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|------------|
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 196 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol R >> L | 27 mm |
| Vol A >> P | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R3.1 P28.6 H33.0 |
| Phase | -2.3 mm |
| Read | -9.1 mm |
| Shift | 42.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | C > T |
| C > T | -37.1 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0.00 deg |
| R >> L | 27 mm |
| F >> H | 27 mm |
| A >> P | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.096 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 1500 ms |

Sequence - Common

| | |
|----------------------|----------|
| Preparation scans | 4 |
| Delta frequency | -1.7 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|--------------------------|----------|
| RFA | On |
| # FreqAdj interval (TRs) | 7 |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_PCC_196av_27mm_1500TR_noWS

TA: 0:54 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol F >> H | 27 mm |
| Vol A >> P | 27 mm |
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 16 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|-------------|
| TR | 1500 ms |
| TE | 68 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol R >> L | 27 mm |
| Vol A >> P | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R3.1 P28.6 H33.0 |
| Phase | -2.3 mm |
| Read | -9.1 mm |
| Shift | 42.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | C > T |
| C > T | -37.1 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0.00 deg |
| R >> L | 27 mm |
| F >> H | 27 mm |
| A >> P | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.096 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 1500 ms |

Sequence - Common

| | |
|----------------------|---------|
| Preparation scans | 4 |
| Delta frequency | 0.0 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|-----------------------|----------|
| RFA | Off |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_PCC_196av_27mm_2000TR

TA: 13:12 PM: REF Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol F >> H | 27 mm |
| Vol A >> P | 27 mm |
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 196 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|------------|
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 196 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol R >> L | 27 mm |
| Vol A >> P | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R3.1 P28.6 H33.0 |
| Phase | -2.3 mm |
| Read | -9.1 mm |
| Shift | 42.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | C > T |
| C > T | -37.1 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0.00 deg |
| R >> L | 27 mm |
| F >> H | 27 mm |
| A >> P | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.096 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Sequence - Common

| | |
|----------------------|----------|
| Preparation scans | 4 |
| Delta frequency | -1.7 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|--------------------------|----------|
| RFA | On |
| # FreqAdj interval (TRs) | 7 |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_PCC_196av_27mm_2000TR_noWS

TA: 1:12 PM: REF Vol: 27 x27 x27 mmRel. SNR: 1.00 : svs_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol F >> H | 27 mm |
| Vol A >> P | 27 mm |
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 16 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|-------------|
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0 deg |
| Vol F >> H | 27 mm |
| Vol R >> L | 27 mm |
| Vol A >> P | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R3.1 P28.6 H33.0 |
| Phase | -2.3 mm |
| Read | -9.1 mm |
| Shift | 42.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | C > T |
| C > T | -37.1 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | REF |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R3.1 P28.6 H33.0 mm |
| Orientation | C > T-37.1 > S1.2 |
| Rotation | 0.00 deg |
| R >> L | 27 mm |
| F >> H | 27 mm |
| A >> P | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.096 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Sequence - Common

| | |
|----------------------|---------|
| Preparation scans | 4 |
| Delta frequency | 0.0 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|-----------------------|----------|
| RFA | Off |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_se_30_PCC_196_2000TR_2mmiso

TA: 6:34 PM: FIX Vol: 22 x22 x22 mmRel. SNR: 1.00 : svs_se

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 | On |
| Start measurements | Single measurement |

System - Miscellaneous

| | |
|----------------------|---------------------|
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | On - AutoCoilSelect |

Routine

| | |
|---------------|---------------------|
| Position | R2.7 P27.9 H30.5 mm |
| Orientation | T > C34.5 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 196 |
| Filter | Prescan Normalize |
| Coil elements | HE1-4 |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

Contrast

| | |
|-----------------|------------|
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 196 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |
| Spectral suppr. | None |
| Measurements | 1 |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | R2.7 P27.9 H30.5 mm |
| Orientation | T > C34.5 |
| Rotation | -0.40 deg |
| A >> P | 22 mm |
| R >> L | 22 mm |
| F >> H | 22 mm |
| Reset | Off |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | On |
| Vector size | 2048 |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

Geometry - Common

| | |
|-------------|---------------------|
| Position | R2.7 P27.9 H30.5 mm |
| Orientation | T > C34.5 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.108 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R2.7 P27.9 H30.5 |
| Phase | 40.3 mm |
| Read | 2.4 mm |
| Shift | 9.3 mm |
| Initial Rotation | -0.40 deg |
| Initial Orientation | T > C |
| T > C | 34.5 |
| > S | 0.0 |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Physio - PACE

| | |
|---------------|-----|
| Resp. control | Off |
|---------------|-----|

Geometry - Navigator**Sequence - Common**

| | |
|----------------------|-------------------|
| Preparation scans | 0 |
| Delta frequency | -2.3 ppm |
| Ref. scan mode | Inline correction |
| No. of ref. scans | 1 |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_se_30_mPFC_196_2000TR_22mm_noWS

TA: 0:34 PM: FIX Vol: 22 x22 x22 mmRel. SNR: 1.00 : svs_se

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | R2.7 P27.9 H32.3 mm |
| Orientation | T > C34.5 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 16 |
| Filter | Prescan Normalize |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|-------------|
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |
| Spectral suppr. | None |
| Measurements | 1 |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | On |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | R2.7 P27.9 H32.3 mm |
| Orientation | T > C34.5 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | R3.1 P28.6 H33.0 |
| Phase | -2.3 mm |
| Read | -9.1 mm |
| Shift | 42.7 mm |
| Initial Rotation | 0.00 deg |
| Initial Orientation | C > T |
| C > T | -37.1 |
| > S | 1.2 |

Geometry - Navigator**System - Miscellaneous**

| | |
|----------------------|---------------------|
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | On - AutoCoilSelect |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|---------------|---------------------|
| ! Position | R3.1 P28.6 H33.0 mm |
| ! Orientation | C > T-37.1 > S1.2 |
| ! Rotation | 0.00 deg |
| ! R >> L | 27 mm |
| ! F >> H | 27 mm |
| ! A >> P | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.096 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Physio - PACE

| | |
|---------------|-----|
| Resp. control | Off |
|---------------|-----|

Sequence - Common

| | |
|----------------------|-------------------|
| Preparation scans | 0 |
| Delta frequency | 0.0 ppm |
| Ref. scan mode | Inline correction |
| No. of ref. scans | 1 |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_se_30_PCC_196_2000TR_2mmiso

TA: 6:34 PM: FIX Vol: 22 x22 x22 mmRel. SNR: 1.00 : svs_se

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 | On |
| Start measurements | Single measurement |

System - Miscellaneous

| | |
|----------------------|---------------------|
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | On - AutoCoilSelect |

Routine

| | |
|---------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 196 |
| Filter | Prescan Normalize |
| Coil elements | HE1-4 |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

Contrast

| | |
|-----------------|------------|
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 196 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |
| Spectral suppr. | None |
| Measurements | 1 |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.40 deg |
| A >> P | 22 mm |
| R >> L | 22 mm |
| F >> H | 22 mm |
| Reset | Off |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | On |
| Vector size | 2048 |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

Geometry - Common

| | |
|-------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.368 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | L1.8 A76.6 H30.7 |
| Phase | -81.5 mm |
| Read | -1.2 mm |
| Shift | 12.9 mm |
| Initial Rotation | -0.40 deg |
| Initial Orientation | T > C |
| T > C | -12.8 |
| > S | 0.0 |

Physio - PACE

| | |
|---------------|-----|
| Resp. control | Off |
|---------------|-----|

Sequence - Common

| | |
|----------------------|-------------------|
| Preparation scans | 0 |
| Delta frequency | -2.3 ppm |
| Ref. scan mode | Inline correction |
| No. of ref. scans | 1 |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Geometry - Navigator

\\USER\Zanetta\Epilepsy\Human_01272025\svs_se_30_PCC_196_2000TR_22mm_noWS

TA: 0:34 PM: FIX Vol: 22 x22 x22 mmRel. SNR: 1.00 : svs_se

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 | On |
| Start measurements | Single measurement |

System - Miscellaneous

| | |
|----------------------|---------------------|
| Positioning mode | FIX |
| Table position | H |
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | On - AutoCoilSelect |

Routine

| | |
|---------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol R >> L | 22 mm |
| Vol F >> H | 22 mm |
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 16 |
| Filter | Prescan Normalize |
| Coil elements | HE1-4 |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

Contrast

| | |
|-----------------|-------------|
| TR | 2000 ms |
| TE | 30 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |
| Spectral suppr. | None |
| Measurements | 1 |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.40 deg |
| A >> P | 22 mm |
| R >> L | 22 mm |
| F >> H | 22 mm |
| Reset | Off |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | On |
| Vector size | 2048 |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

Geometry - Common

| | |
|-------------|---------------------|
| Position | L1.8 A76.6 H30.7 mm |
| Orientation | T > C-12.8 |
| Rotation | -0.402877 deg |
| Vol R >> L | 22 mm |
| Vol A >> P | 22 mm |
| Vol F >> H | 22 mm |

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.368 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | L1.8 A76.6 H30.7 |
| Phase | -81.5 mm |
| Read | -1.2 mm |
| Shift | 12.9 mm |
| Initial Rotation | -0.40 deg |
| Initial Orientation | T > C |
| T > C | -12.8 |
| > S | 0.0 |

Physio - PACE

| | |
|---------------|-----|
| Resp. control | Off |
|---------------|-----|

Sequence - Common

| | |
|----------------------|-------------------|
| Preparation scans | 0 |
| Delta frequency | 0.0 ppm |
| Ref. scan mode | Inline correction |
| No. of ref. scans | 1 |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Geometry - Navigator

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_PCC_196av_27mm_2000TR

TA: 13:12 PM: FIX Vol: 27 ×27 ×27 mmRel. SNR: 1.00 : svd_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 27 mm |
| Vol A >> P | 27 mm |
| Vol F >> H | 27 mm |
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 196 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|------------|
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 196 |
| Flip angle | 90 deg |
| Water suppr. | Water sat. |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 27 mm |
| Vol R >> L | 27 mm |
| Vol F >> H | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | L1.5 A75.6 H27.4 |
| Phase | 0.5 mm |
| Read | -79.6 mm |
| Shift | 11.2 mm |
| Initial Rotation | 89.09 deg |
| Initial Orientation | T > C |
| T > C | -11.9 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | FIX |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.09 deg |
| R >> L | 27 mm |
| A >> P | 27 mm |
| F >> H | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.39 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Sequence - Common

| | |
|----------------------|----------|
| Preparation scans | 4 |
| Delta frequency | -1.7 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|--------------------------|----------|
| RFA | On |
| # FreqAdj interval (TRs) | 7 |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |

\\USER\Zanetta\Epilepsy\Human_01272025\svs_edit_859G_mPFC_196av_27mm_2000TR_noWS

TA: 1:12 PM: FIX Vol: 27 x27 x27 mmRel. SNR: 1.00 : svs_ed

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 | On |
| Start measurements | Single measurement |

Routine

| | |
|---------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 27 mm |
| Vol A >> P | 27 mm |
| Vol F >> H | 27 mm |
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 16 |
| Filter | None |
| Coil elements | HE1-4 |

Contrast

| | |
|-----------------|-------------|
| TR | 2000 ms |
| TE | 68 ms |
| Averages | 16 |
| Flip angle | 90 deg |
| Water suppr. | Only RF off |
| Water suppr. BW | 50 Hz |

Resolution - Common

| | |
|-------------------|------|
| Prescan Normalize | Off |
| Vector size | 2048 |

Geometry - Common

| | |
|-------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.092959 deg |
| Vol A >> P | 27 mm |
| Vol R >> L | 27 mm |
| Vol F >> H | 27 mm |

Geometry - AutoAlign

| | |
|---------------------|------------------|
| AutoAlign | --- |
| Initial Position | L1.5 A75.6 H27.4 |
| Phase | 0.5 mm |
| Read | -79.6 mm |
| Shift | 11.2 mm |
| Initial Rotation | 89.09 deg |
| Initial Orientation | T > C |
| T > C | -11.9 |
| > S | 1.2 |

System - Miscellaneous

| | |
|------------------|-----|
| Positioning mode | FIX |
| Table position | H |

System - Miscellaneous

| | |
|----------------------|-----------|
| Table position | 0 mm |
| MSMA | S - C - T |
| Sagittal | R >> L |
| Coronal | A >> P |
| Transversal | F >> H |
| Save uncombined | Off |
| Save single averages | Off |
| AutoAlign | --- |
| Coil Select Mode | Default |

System - Adjustments

| | |
|--------------------------|----------|
| B0 Shim mode | Brain |
| B1 Shim mode | TrueForm |
| Adj. water suppr. | On |
| Adjust with body coil | Off |
| Confirm freq. adjustment | On |
| Only after freq. change | Off |
| Assume Dominant Fat | Off |
| Assume Silicone | Off |
| Adjustment Tolerance | Auto |

System - Adjust Volume

| | |
|-------------|---------------------|
| Position | L1.5 A75.6 H27.4 mm |
| Orientation | T > C-11.9 > S1.2 |
| Rotation | 89.09 deg |
| R >> L | 27 mm |
| A >> P | 27 mm |
| F >> H | 27 mm |
| Reset | Off |

System - pTx Volumes

| | |
|--------------|----------|
| B1 Shim mode | TrueForm |
|--------------|----------|

System - Tx/Rx

| | |
|---------------------|----------------|
| Frequency 1H | 123.261552 MHz |
| Correction factor | 1.39 |
| Gain | High |
| Img. Scale Cor. | 1.000 |
| Reset | Off |
| ? Ref. amplitude 1H | 0.000 V |

Physio - Signal1

| | |
|-----------------|---------|
| 1st Signal/Mode | None |
| TR | 2000 ms |

Sequence - Common

| | |
|----------------------|---------|
| Preparation scans | 4 |
| Delta frequency | 0.0 ppm |
| Ref. scan mode | Off |
| Phase cycling | Auto |
| Bandwidth | 2000 Hz |
| Acquisition duration | 1024 ms |
| Remove oversampling | On |

Sequence - Special

| | |
|-----------------------|----------|
| RFA | Off |
| Edit Pulse Frequency | 1.90 ppm |
| Edit Pulse Bandwidth | 44.00 Hz |
| Edit Center Frequency | 4.70 ppm |