

MSK-THR HIP NEW

Protocol: adult_spine_A13_Neu_Lumbar Spine_2022

| | | | | |
|-----------------------|---------------------------|---------------|-------------------------------|-----------|
| LOCALISER - LOCALISER | IMAGING PARAMETERS | | SCAN TIMING | |
| | Imaging Mode | 2D | Number of Echoes | 1 |
| | Pulse Sequence | Gradient Echo | IMAGE ENHANCE | |
| | Imaging Options | Seq, Fast | Filter Choice | None |
| | SCAN RANGE | | GATING/TRIGGER | |
| | FOV | 48.0 | Pause After Navigator Prescan | 0 |
| | Slice Thickness | 10.00 | FMRI | |
| | Slice Spacing | 0.0 | PSD Trigger | Internal |
| | Overlap Locations | 0 | View Order | Bottom/Up |
| | ACQ TIMING | | # of Repetitions REST | 0 |
| | Freq | 256 | # of Repetitions ACTIVE | 0 |
| | Phase | 128 | SAT | |
| | Freq DIR | Unswap | Tag Type | None |
| | NEX | 1.00 | TRICKS | |
| | Phase FOV | 1.00 | Pause On/Off | On |
| | Auto Shim | Auto | Auto Subtract | 0 |
| | Phase Correction | No | Auto SCIC | Off |
| | RF Drive Mode | Single | | |
| | Excitation Mode | Selective | | |
| | USER CVS | | | |
| | User CV20 | 1.00 | | |
| | User CV Mask2 | 0 | | |
| | MULTI-PHASE | | | |
| | Seperate Series | 0 | | |
| | Mask Phase | 0 | | |
| | Mask Pause | 0 | | |
| | Preserve | 0 | | |
| | DIFFUSION | | | |
| | Recon All Images | On | | |
| | # Synthetic b-values | 1 | | |
| | Synthetic b-value | 1000.0; | | |
| | CONTRAST | | | |
| | Contrast Yes/No | No | | |

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options EDR, TRF, Fast, FR, ARC
Phase 2.00

SCAN RANGE

FOV 30.0
Slice Thickness 3.00
Slice Spacing 0.3
Overlap Locations 0
Number of Slices 20

ACQ TIMING

Freq 448
Phase 384
Freq DIR A/P
Fat Shift DIR Normal (P)
NEX 1.50
of Acq. Before Pause 0
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
RF Drive Mode Single
Excitation Mode Selective

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

SAT Location S
SAT Location I
Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 3

SCAN TIMING

Flip Angle 160
TE 102.0
Number of Echoes 1
TR 2532.0
Echo Train Length 26
Receiver Bandwidth 50.00

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV15 0
TR Min 2500.0
TR Max 11000.0
User CV30 1.00
User CV39 1.00
User CV Mask2 256

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

ardl h SAG T2 - ardl h SAG T2

ardl h SAG T2 - ardl h SAG T2

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IMAGING PARAMETERS

| | |
|-----------------|-------------------------|
| Imaging Mode | 2D |
| Pulse Sequence | FSE-XL |
| Imaging Options | EDR, TRF, Fast, FR, ARC |
| Phase | 2.00 |

SCAN RANGE

| | |
|-------------------|------|
| FOV | 30.0 |
| Slice Thickness | 3.00 |
| Slice Spacing | 0.3 |
| Overlap Locations | 0 |
| Number of Slices | 20 |

ACQ TIMING

| | |
|------------------------|------------|
| Freq | 448 |
| Phase | 384 |
| Freq DIR | A/P |
| Fat Shift DIR | Normal (P) |
| NEX | 1.50 |
| # of Acq. Before Pause | 0 |
| Phase FOV | 1.00 |
| Auto Shim | Auto |
| Phase Correction | No |
| RF Drive Mode | Single |
| Excitation Mode | Selective |

FMRI

| | |
|-------------------------|-----------|
| PSD Trigger | Internal |
| View Order | Bottom/Up |
| # of Repetitions REST | 0 |
| # of Repetitions ACTIVE | 0 |

SAT

| | |
|----------------------|-------------|
| SAT Location | S |
| SAT Location | I |
| Tag Type | None |
| Fat/Water Saturation | Fat Classic |

TRICKS

| | |
|---------------|----|
| Pause On/Off | On |
| Auto Subtract | 0 |
| Auto SCIC | 3 |

SCAN TIMING

| | |
|--------------------|--------|
| Flip Angle | 160 |
| TE | 102.0 |
| Number of Echoes | 1 |
| TR | 2710.0 |
| Echo Train Length | 26 |
| Receiver Bandwidth | 50.00 |

IMAGE ENHANCE

| | |
|---------------|------|
| Filter Choice | None |
|---------------|------|

USER CVS

| | |
|---------------|---------|
| User CV12 | 1.00 |
| User CV15 | 0 |
| User CV19 | 1.00 |
| TR Min | 2500.0 |
| TR Max | 11000.0 |
| User CV30 | 1.00 |
| User CV39 | 1.00 |
| User CV Mask2 | 256 |

MULTI-PHASE

| | |
|-----------------|---|
| Seperate Series | 0 |
| Mask Phase | 0 |
| Mask Pause | 0 |
| Preserve | 0 |

DIFFUSION

| | |
|----------------------|---------|
| Recon All Images | On |
| # Synthetic b-values | 1 |
| Synthetic b-value | 1000.0; |

CONTRAST

| | |
|-----------------|----|
| Contrast Yes/No | No |
|-----------------|----|

ardl h SAG T2FS - ardl h SAG T2FS

ardl h SAG T2FS - ardl h SAG T2FS

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options FC, EDR, TRF, Fast, ARC
Phase 2.00

SCAN RANGE

FOV 30.0
Slice Thickness 3.00
Slice Spacing 0.3
Overlap Locations 0
Number of Slices 20

ACQ TIMING

Freq 384
Phase 288
Freq DIR A/P
Fat Shift DIR Normal (P)
NEX 1.50
of Acq. Before Pause 0
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
Flow Direction Freq
Compensation
RF Drive Mode Single
Excitation Mode Selective

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

SAT Location A
SAT Location S
SAT Location I
Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 3

SCAN TIMING

Flip Angle 160
TE Min Full
Number of Echoes 1
TR 486.0
Echo Train Length 5
Receiver Bandwidth 50.00

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
TR Min 400.0
TR Max 680.0
User CV30 1.00
User CV39 1.00
User CV Mask2 256

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

ardl m Sag T1 - ardl m Sag T1

ardl m Sag T1 - ardl m Sag T1

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options FC, EDR, TRF, Fast, ZIP1024, FR, ARC

SCAN RANGE

FOV 20.0
Slice Thickness 3.00
Slice Spacing 0.0
Overlap Locations 0
Number of Slices 40

ACQ TIMING

Freq 320
Phase 288
Freq DIR A/P
Fat Shift DIR Normal (A)
NEX 1.00
of Acq. Before Pause 0
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
Flow Direction Slice
Compensation
Excitation Mode Selective

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC Off

OTHERS

Protocol Notes Be careful of cross excitation

SCAN TIMING

Flip Angle 160
TE 102.0
Number of Echoes 1
TR 5425.0
Echo Train Length 34
Receiver Bandwidth 62.50

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV15 0
TR Min 3500.0
TR Max 11000.0
User CV30 1.00
User CV39 1.00
User CV Mask2 1024

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

ardl h Ax T2 FRFSE - ardl h Ax T2 FRFSE

ardl h Ax T2 FRFSE - ardl h Ax T2 FRFSE

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options FC, TRF, Fast, FR

SCAN RANGE

FOV 24.0
Slice Thickness 4.0
Slice Spacing 0.4
Number of Slices 1

ACQ TIMING

Freq 192
Phase 160
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 0.50
Auto Shim Auto
Phase Correction No
Flow Direction Slice
Compensation
Excitation Mode Selective

USER CVS

User CV15 0
User CV17 1.00
TR Min 2500.0
TR Max 11000.0
User CV30 1.00
User CV Mask2 0

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Multi b-values 1000.0;
Multi NEX Values 1;
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

SCAN TIMING

Flip Angle 160
TE 102.0
Number of Echoes 1
TR 2500.0
Echo Train Length 23
Receiver Bandwidth 250.00

IMAGE ENHANCE

Filter Choice B

GATING/TRIGGER

Auto Trigger Type Off

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 2

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options TRF, Fast

SCAN RANGE

FOV 26.0
Slice Thickness 3.00
Slice Spacing 0.4
Overlap Locations 0
Number of Slices 26

ACQ TIMING

Freq 384
Phase 320
Freq DIR R/L
Fat Shift DIR Normal (L)
NEX 1.00
of Acq. Before Pause 0
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
RF Drive Mode Single
Excitation Mode Selective

FMRI

PSD Trigger Internal
Slice Order Interleaved
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 3

SCAN TIMING

Flip Angle 160
TE Min Full
Number of Echoes 1
TR 425.0
Echo Train Length 5
Receiver Bandwidth 50.00

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV30 1.00
User CV Mask2 0

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

COR T1 - COR T1

COR T1 - COR T1

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options Seq, TRF, Fast, IrP

SCAN RANGE

FOV 26.0
Slice Thickness 4.00
Slice Spacing 0.4
Overlap Locations 0
Number of Slices 18

ACQ TIMING

Freq 320
Phase 256
Freq DIR R/L
Fat Shift DIR Normal (L)
NEX 1.00
of Acq. Before Pause 0
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
RF Drive Mode Single
Excitation Mode Selective

FMRI

PSD Trigger Internal
Slice Order Interleaved
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 3

SCAN TIMING

Flip Angle 160
TE 50.0
Number of Echoes 1
TR 4562.0
TI 140
Echo Train Length 11
Receiver Bandwidth 35.71

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV15 0
TR Min 3500.0
TR Max 15000.0
User CV30 1.00
User CV Mask2 0

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

COR STIR - COR STIR

COR STIR - COR STIR

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options FC, TRF, Fast, FR

SCAN RANGE

FOV 24.0
Slice Thickness 4.0
Slice Spacing 0.4
Number of Slices 1

ACQ TIMING

Freq 192
Phase 192
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 0.50
Auto Shim Auto
Phase Correction No
Flow Direction Slice
Compensation
Excitation Mode Selective

USER CVS

User CV15 0
User CV17 1.00
TR Min 2500.0
TR Max 11000.0
User CV30 1.00
User CV Mask2 0

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Multi b-values 1000.0;
Multi NEX Values 1;
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

SCAN TIMING

Flip Angle 160
TE 102.0
Number of Echoes 1
TR 2500.0
Echo Train Length 23
Receiver Bandwidth 250.00

IMAGE ENHANCE

Filter Choice B

GATING/TRIGGER

Auto Trigger Type Off

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 2

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Protocol: adult_spine_A13_Neu_Lumbar Spine_2022

| | | | | |
|-----------------------------------------------|---------------------------|---------------------|----------------------|----------|
| Ax T1 FS Pre Contrast - Ax T1 FS Pre Contrast | IMAGING PARAMETERS | | SCAN TIMING | |
| | Imaging Mode | 2D | Flip Angle | 160 |
| | Pulse Sequence | FSE-XL | TE | Min Full |
| | Imaging Options | EDR, TRF, Fast, ARC | Number of Echoes | 1 |
| | Phase | 2.00 | TR | 734.0 |
| | SCAN RANGE | | Echo Train Length | 5 |
| | FOV | 20.0 | Receiver Bandwidth | 41.67 |
| | Slice Thickness | 3.00 | IMAGE ENHANCE | |
| | Slice Spacing | 0.3 | Filter Choice | None |
| | Overlap Locations | 0 | USER CVS | |
| | Number of Slices | 25 | User CV12 | 1.00 |
| | ACQ TIMING | | User CV19 | 1.00 |
| | Freq | 320 | TR Min | 300.0 |
| | Phase | 288 | TR Max | 750.0 |
| | Freq DIR | A/P | User CV30 | 1.00 |
| | Fat Shift DIR | Normal (A) | User CV39 | 1.00 |
| | NEX | 1.50 | User CV Mask2 | 256 |
| | # of Acq. Before Pause | 0 | MULTI-PHASE | |
| | Phase FOV | 1.00 | Seperate Series | 0 |
| | Auto Shim | Auto | Mask Phase | 0 |
| | Phase Correction | No | Mask Pause | 0 |
| | RF Drive Mode | Single | Preserve | 0 |
| | Excitation Mode | Selective | DIFFUSION | |
| | FMRI | | Recon All Images | On |
| | PSD Trigger | Internal | # Synthetic b-values | 1 |
| | View Order | Bottom/Up | Synthetic b-value | 1000.0; |
| | # of Repetitions REST | 0 | CONTRAST | |
| | # of Repetitions ACTIVE | 0 | Contrast Yes/No | No |
| | SAT | | | |
| | SAT Location | A | | |
| | Tag Type | None | | |
| | Fat/Water Saturation | Fat Classic | | |
| | TRICKS | | | |
| | Pause On/Off | On | | |
| | Auto Subtract | 0 | | |
| | Auto SCIC | 2 | | |

Ax T1 FS Pre Contrast - Ax T1 FS Pre Contrast

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Protocol: adult_spine_A13_Neu_Lumbar Spine_2022

| | | | | |
|-------------------------------------------------|---------------------------|---------------------|----------------------|----------|
| Ax T1 FS Post Contrast - Ax T1 FS Post Contrast | IMAGING PARAMETERS | | SCAN TIMING | |
| | Imaging Mode | 2D | Flip Angle | 160 |
| | Pulse Sequence | FSE-XL | TE | Min Full |
| | Imaging Options | EDR, TRF, Fast, ARC | Number of Echoes | 1 |
| | Phase | 2.00 | TR | 702.0 |
| | SCAN RANGE | | Echo Train Length | 5 |
| | FOV | 20.0 | Receiver Bandwidth | 50.00 |
| | Slice Thickness | 3.00 | IMAGE ENHANCE | |
| | Slice Spacing | 0.3 | Filter Choice | None |
| | Overlap Locations | 0 | USER CVS | |
| | Number of Slices | 25 | User CV12 | 1.00 |
| | ACQ TIMING | | User CV19 | 1.00 |
| | Freq | 320 | TR Min | 300.0 |
| | Phase | 288 | TR Max | 750.0 |
| | Freq DIR | A/P | User CV30 | 1.00 |
| | Fat Shift DIR | Normal (A) | User CV39 | 1.00 |
| | NEX | 1.50 | User CV Mask2 | 256 |
| | # of Acq. Before Pause | 0 | MULTI-PHASE | |
| | Phase FOV | 1.00 | Seperate Series | 0 |
| | Auto Shim | Auto | Mask Phase | 0 |
| | Phase Correction | No | Mask Pause | 0 |
| | RF Drive Mode | Single | Preserve | 0 |
| | Excitation Mode | Selective | DIFFUSION | |
| | FMRI | | Recon All Images | On |
| | PSD Trigger | Internal | # Synthetic b-values | 1 |
| | View Order | Bottom/Up | Synthetic b-value | 1000.0; |
| | # of Repetitions REST | 0 | CONTRAST | |
| | # of Repetitions ACTIVE | 0 | Contrast Yes/No | Yes |
| SAT | | | | |
| SAT Location | | A | | |
| Tag Type | | None | | |
| Fat/Water Saturation | | Fat Classic | | |
| TRICKS | | | | |
| Pause On/Off | | On | | |
| Auto Subtract | | 0 | | |
| Auto SCIC | | 2 | | |

Ax T1 FS Post Contrast - Ax T1 FS Post Contrast

MSK-THR HIP NEW

Protocol: adult_spine_A13_Neu_Lumbar Spine_2022

| | | | | |
|---------------------------------------------|---------------------------|----------------------|----------------------|----------|
| SAG T1 Post Contrast - SAG T1 Post Contrast | IMAGING PARAMETERS | | SCAN TIMING | |
| | Imaging Mode | 2D | Flip Angle | 160 |
| | Pulse Sequence | FSE-XL | TE | Min Full |
| | Imaging Options | EDR, TRF, Fast, ARC | Number of Echoes | 1 |
| | Phase | 2.00 | TR | 547.0 |
| | SCAN RANGE | | Echo Train Length | 5 |
| | FOV | 30.0 | Receiver Bandwidth | 50.00 |
| | Slice Thickness | 3.00 | IMAGE ENHANCE | |
| | Slice Spacing | 0.3 | Filter Choice | None |
| | Overlap Locations | 0 | USER CVS | |
| | Number of Slices | 32 | User CV12 | 1.00 |
| | ACQ TIMING | | User CV19 | 1.00 |
| | Freq | 320 | TR Min | 300.0 |
| | Phase | 288 | TR Max | 750.0 |
| | Freq DIR | A/P | User CV30 | 1.00 |
| | Fat Shift DIR | Normal (P) | User CV39 | 1.00 |
| | NEX | 1.00 | User CV Mask2 | 256 |
| | # of Acq. Before Pause | 0 | MULTI-PHASE | |
| | Phase FOV | 1.00 | Seperate Series | 0 |
| | Auto Shim | Auto | Mask Phase | 0 |
| | Phase Correction | No | Mask Pause | 0 |
| | RF Drive Mode | Single | Preserve | 0 |
| | Excitation Mode | Selective | DIFFUSION | |
| FMRI | | Recon All Images | On | |
| PSD Trigger | | # Synthetic b-values | 1 | |
| View Order | | Synthetic b-value | 1000.0; | |
| # of Repetitions REST | | TRACKER | | |
| # of Repetitions ACTIVE | | Tracker Length | 200.0 | |
| SAT | | Tracker Thickness | 20.0 | |
| Tag Type | | | | |
| Fat/Water Saturation | | | | |
| TRICKS | | | | |
| Pause On/Off | | | | |
| Auto Subtract | | | | |
| Auto SCIC | | | | |
| CONTRAST | | | | |
| Contrast Yes/No | | | | |

SAG T1 Post Contrast - SAG T1 Post Contrast

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IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence FSE-XL
Imaging Options FC, TRF, Fast, FR

SCAN RANGE

FOV 24.0
Slice Thickness 4.0
Slice Spacing 0.4
Number of Slices 1

ACQ TIMING

Freq 192
Phase 192
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 0.50
Auto Shim Auto
Phase Correction No
Flow Direction Slice
Compensation
Excitation Mode Selective

USER CVS

User CV15 0
User CV17 1.00
TR Min 2500.0
TR Max 11000.0
User CV30 1.00
User CV Mask2 0

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

Recon All Images On
Multi b-values 1000.0;
Multi NEX Values 1;
Synthetic b-values 1
Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

SCAN TIMING

Flip Angle 160
TE 102.0
Number of Echoes 1
TR 2500.0
Echo Train Length 23
Receiver Bandwidth 250.00

IMAGE ENHANCE

Filter Choice B

GATING/TRIGGER

Auto Trigger Type Off

FMRI

PSD Trigger Internal
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 2

=====Options=====

=====Options=====

MSK-THR HIP NEW

Protocol: adult_spine_A13_Neu_Lumbar Spine_2022

IMAGING PARAMETERS

| | |
|-----------------|------------------------------------|
| Imaging Mode | 3D |
| Pulse Sequence | Cube |
| Imaging Options | FC, EDR, Fast, ZIP512, FR, ARC, HS |
| Phase | 2.00 |
| Slice | 2.00 |
| HyperSense | 1.20 |

SCAN RANGE

| | |
|-------------------|------|
| FOV | 20.0 |
| Slice Thickness | 1.20 |
| Location per Slab | 80 |
| Overlap Locations | 0 |
| Number of Slices | 1 |

ACQ TIMING

| | |
|-----------------------------|------------|
| Freq | 288 |
| Phase | 288 |
| Freq DIR | R/L |
| Fat Shift DIR | Normal (R) |
| NEX | 1.50 |
| Phase FOV | 1.00 |
| Auto Shim | Auto |
| Phase Correction | No |
| Flow Direction Compensation | Freq |
| RF Drive Mode | Single |
| Excitation Mode | Selective |

FMRI

| | |
|-------------------------|-----------|
| PSD Trigger | Internal |
| View Order | Bottom/Up |
| # of Repetitions REST | 0 |
| # of Repetitions ACTIVE | 0 |

SAT

| | |
|----------|------|
| Tag Type | None |
|----------|------|

TRICKS

| | |
|---------------|-----|
| Pause On/Off | On |
| Auto Subtract | 0 |
| Auto SCIC | Off |

SCAN TIMING

| | |
|--------------------|--------|
| TE | 90.0 |
| Number of Echoes | 1 |
| TR | 1525.0 |
| Echo Train Length | 60 |
| Receiver Bandwidth | 27.78 |

IMAGE ENHANCE

| | |
|---------------|---|
| Filter Choice | A |
|---------------|---|

USER CVS

| | |
|---------------|--------|
| User CV22 | 2.00 |
| User CV30 | 1.00 |
| User CV34 | 100.00 |
| User CV Mask2 | 10 |

MULTI-PHASE

| | |
|-----------------|---|
| Seperate Series | 0 |
| Mask Phase | 0 |
| Mask Pause | 0 |
| Preserve | 0 |

DIFFUSION

| | |
|----------------------|---------|
| Recon All Images | On |
| # Synthetic b-values | 1 |
| Synthetic b-value | 1000.0; |

CONTRAST

| | |
|-----------------|----|
| Contrast Yes/No | No |
|-----------------|----|

Ax Cube T2 - Ax Cube T2

Ax Cube T2 - Ax Cube T2