

\\ICNAS\ICNAS\CIBIT\MRS_17fev2025\svs_se_35_noWatersupp_FEF

TA: 40 sec Coil Selection: Auto Vol: 30x30x30 mm³ Rel. SNR: 1.00

Properties

Start measurement without further preparation	On
Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm
TR	2000.0 ms
TE	35.00 ms
Averages	16

Contrast - Common

TR	2000.0 ms
TE	35.00 ms
Flip Angle	90 deg
Preparation Scans	4
Averages	16
Water Suppression	None
Spectral Suppr.	None

Resolution - Common

Vector Size	1024
Normalize	Prescan

Geometry - Common

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	Isocenter

Geometry - AutoAlign

L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

Geometry - Navigator

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Brain
B1 Shim	TrueForm
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	When Changed
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
F >> H	30 mm
A >> P	30 mm
R >> L	30 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.259136 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	2000.0 ms

Physio - PACE

Resp. Control	Off
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Sequence - Common

Sequence Name	svs_se
Preparation Scans	4
Delta Frequency	-2.30 ppm
Ref. Scan Mode	Off
Measurements	1
Phase Cycling	Auto
Save Uncombined	Off
Bandwidth	1200 Hz
Acquisition Duration	853 ms
Remove Oversampling	On
Freq. Corr. Accumulation	Off
Incr. Gradient Spoiling	Off

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TA: 1:40 min Coil Selection: Auto Vol: 30x30x30 mm³ Rel. SNR: 1.00

Properties

Start measurement without further preparation	On
Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm
TR	2000.0 ms
TE	35.00 ms
Averages	46

Contrast - Common

TR	2000.0 ms
TE	35.00 ms
Flip Angle	90 deg
Preparation Scans	4
Averages	46
Water Suppression	Water Saturation
Water Suppr. BW	50 Hz
Spectral Suppr.	None

Resolution - Common

Vector Size	1024
Normalize	Prescan

Geometry - Common

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm

Geometry - AutoAlign

AutoAlign	---
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Geometry - AutoAlign

Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

Geometry - Navigator

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Brain
B1 Shim	TrueForm
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	When Changed
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
F >> H	30 mm
A >> P	30 mm
R >> L	30 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.259136 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	2000.0 ms

Physio - PACE

Resp. Control	Off
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Sequence - Common

Sequence Name	svs_se
Preparation Scans	4
Delta Frequency	-2.30 ppm
Ref. Scan Mode	Off
Measurements	1
Phase Cycling	Auto
Save Uncombined	Off
Bandwidth	1200 Hz
Acquisition Duration	853 ms
Remove Oversampling	On
Freq. Corr. Accumulation	Off
Incr. Gradient Spoiling	Off

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TA: 10:48 min Coil Selection: Auto Vol: 30x30x30 mm³ Rel. SNR: 1.00

Properties

Start measurement without further preparation	On
Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm
TR	2000.0 ms
TE	80.00 ms
Averages	320

Contrast - Common

TR	2000.0 ms
TE	80.00 ms
Flip Angle	90 deg
Preparation Scans	4
Averages	320
Fat-Water Contrast	Water Saturation
Water Suppr. BW	50 Hz
Spectral Suppr.	None

Resolution - Common

Vector Size	2048
Normalize	Off

Geometry - Common

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm

Geometry - AutoAlign

AutoAlign	---
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Geometry - AutoAlign

Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

Geometry - Navigator

System - Miscellaneous

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Brain
B1 Shim	TrueForm
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

! Position	R29.4 A10.4 H22.0 mm
! Orientation	S > T-29.4 > C4.4
! Rotation	80.07 deg
! F >> H	30 mm
! A >> P	30 mm
! R >> L	30 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.259136 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	2000.0 ms

Physio - PACE

Resp. Control	Off
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Sequence - Common

Sequence Name	svs_se_herc_gls_v2
Preparation Scans	4
Delta Frequency	-1.70 ppm
Ref. Scan Mode	Off
Phase Cycling	Auto
Save Uncombined	Off
Bandwidth	2000 Hz
Acquisition Duration	1024 ms
Remove Oversampling	On
Freq. Corr. Accumulation	Off

Sequence - Special

Spoiler duration	2150 us
Editing Sequence:	HERMES_GABA_GSH
Edit Pulse Frequency 1	1.90 ppm
Edit Pulse Frequency 2	4.56 ppm
Edit Off Frequency	7.50 ppm

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TA: 1:12 min Coil Selection: Auto Vol: 30x30x30 mm³ Rel. SNR: 1.00**Properties**

Start measurement without further preparation	On
Wait for User to Start	Off
Start measurements	Single Measurement
Prio Recon	Off
Auto Open Inline Display	Off
Auto Close Inline Display	Off
Load Images to MR View&GO	On
Auto Store Images	On
Disable auto transfer to PACS	Off
Load Images to Stamp Segments	Off
Load Images to Graphic Segments	Off
Graphic segment	Default
Inline Movie	Off

Routine

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm
TR	2000.0 ms
TE	80.00 ms
Averages	32

Contrast - Common

TR	2000.0 ms
TE	80.00 ms
Flip Angle	90 deg
Preparation Scans	4
Averages	32
Fat-Water Contrast	RF Off
Water Suppr. BW	50 Hz
Spectral Suppr.	None

Resolution - Common

Vector Size	2048
Normalize	Off

Geometry - Common

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
Vol F >> H	30 mm
Vol A >> P	30 mm
Vol R >> L	30 mm

Geometry - AutoAlign

AutoAlign	---
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Geometry - AutoAlign

Initial Position	Isocenter
L	0.0 mm
P	0.0 mm
H	0.0 mm
Initial Orientation	Transversal
Initial Rotation	0.00 deg

Geometry - Navigator**System - Miscellaneous**

Coil Selection	Auto Coil Select
Radial Sorting	Off
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H

System - Adjustments

Adjustment Strategy	Standard
B0 Shim	Advanced
B1 Shim	TrueForm
Adjustment Tolerance	Auto
Adjust with Body Coil	Off
Confirm Frequency	Never
Assume Silicone	Off
Adj. Water Suppr.	On

System - Adjust Volume

Position	R29.4 A10.4 H22.0 mm
Orientation	S > T-29.4 > C4.4
Rotation	80.07 deg
F >> H	30 mm
A >> P	30 mm
R >> L	30 mm
Reset	Off

System - pTx

B1 Shim	TrueForm
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System - Tx/Rx

Frequency 1H	123.259136 MHz
? Ref. Amplitude 1H	0.000 V
Reset	Off
Image Scaling	1.000

Physio - Signal

1st Signal/Mode	None
TR	2000.0 ms

Physio - PACE

Resp. Control	Off
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Sequence - Common

Sequence Name	svs_se_herc_gls_v2
Preparation Scans	4
Delta Frequency	-1.70 ppm
Ref. Scan Mode	Off
Phase Cycling	Auto
Save Uncombined	Off
Bandwidth	2000 Hz
Acquisition Duration	1024 ms
Remove Oversampling	On
Freq. Corr. Accumulation	Off

Sequence - Special

Spoiler duration	2150 us
Editing Sequence:	HERMES_GABA_GSH
Edit Pulse Frequency 1	1.90 ppm
Edit Pulse Frequency 2	4.56 ppm
Edit Off Frequency	7.50 ppm