

\\Preliminary Study Protocols\head\Anastasia Christakou\CHOMRS2\svs_edit_mgs_univ_MEGAPR
ESS_STR *

TA: 17:12 PM: REF Vol: 15 ×10 ×15 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	0.355374 deg
Vol R >> L	10 mm
Vol R >> L	10 mm
Vol F >> H	15 mm
TR	2000 ms
TE	68 ms
Averages	512
Filter	None
Coil elements	HEA;HEP

Contrast

TR	2000 ms
TE	68 ms
Averages	512
Flip angle	90 deg
Water suppr.	Water sat.
Water suppr. BW	50 Hz

Resolution - Common

Prescan Normalize	Off
Vector size	2048

Geometry - Common

Position	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	0.355374 deg
Vol R >> L	10 mm
Vol A >> P	15 mm
Vol F >> H	15 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	L31.5 P9.1 F5.8
L	31.5 mm
P	9.1 mm
H	5.8 mm
Initial Rotation	90.36 deg
Initial Orientation	T > S
T > S	-31.8
> C	-13.6

System - Miscellaneous

Positioning mode	REF
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System - Miscellaneous

Table position	H
Table position	31 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	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	90.36 deg
R >> L	10 mm
A >> P	15 mm
F >> H	15 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
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System - Tx/Rx

Frequency 1H	123.257135 MHz
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	Off
Editing Sequence:	MEGA_PRESS
Edit Pulse1 Frequency	1.90 ppm

Sequence - Special

Edit Off Frequency	7.50 ppm
Edit Pulse1 Dur. for MEGA_PRESS	15000 us

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TA: 0:10 PM: FIX Vol: 15 ×10 ×15 mmRel. SNR: 1.00 : mgs_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	Off
Start measurements	Single measurement

Routine

Position	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	0.355374 deg
Vol R >> L	10 mm
Vol R >> L	10 mm
Vol F >> H	15 mm
TR	2000 ms
TE	68 ms
Averages	1
Filter	None
Coil elements	HEA;HEP

Contrast

TR	2000 ms
TE	68 ms
Averages	1
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	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	0.355374 deg
Vol R >> L	10 mm
Vol A >> P	15 mm
Vol F >> H	15 mm

Geometry - AutoAlign

AutoAlign	---
Initial Position	L31.5 P9.1 F5.8
L	31.5 mm
P	9.1 mm
H	5.8 mm
Initial Rotation	90.36 deg
Initial Orientation	T > S
T > S	-31.8
> C	-13.6

System - Miscellaneous

Positioning mode	FIX
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System - Miscellaneous

Table position	H
Table position	31 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	L31.5 P9.1 H25.2 mm
Orientation	T > S-31.8 > C-13.6
Rotation	90.36 deg
R >> L	10 mm
A >> P	15 mm
F >> H	15 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
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System - Tx/Rx

Frequency 1H	123.257135 MHz
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
Editing Sequence:	MEGA_PRESS
Edit Pulse1 Frequency	1.90 ppm

Sequence - Special

Edit Off Frequency	7.50 ppm
Edit Pulse1 Dur. for MEGA_PRESS	15000 us