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\USER

COCOAN

fMRI MBEPi

MPC

[T1\\_mprage\\_sag\\_0.7iso](#)

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\\USER\COCOAN\fmri MBEP\IMPC\T1\_mprage\_sag\_0.7iso \*

TA: 7:38 PM: FIX Voxel size: 0.7×0.7×0.7 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	On
Start measurements	Single measurement

**Routine**

Slab group	1
Slabs	1
Dist. factor	50 %
Position	R6.4 A11.1 F29.8 mm
Orientation	S > T-3.6 > C3.3
Phase enc. dir.	A >> P
AutoAlign	Head > Basis
Phase oversampling	10 %
Slice oversampling	14.3 %
Slices per slab	224
FoV read	224 mm
FoV phase	100.0 %
Slice thickness	0.70 mm
TR	2400.0 ms
TE	2.34 ms
Averages	1
Concatenations	1
Filter	Prescan Normalize, Image Filter
Coil elements	HC1-7;NC1

**Contrast - Common**

TR	2400.0 ms
TE	2.34 ms
Magn. preparation	Non-sel. IR
TI	1150 ms
Flip angle	8 deg
Fat suppr.	Water excit. fast
Water suppr.	None

**Contrast - Dynamic**

Averages	1
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

**Resolution - Common**

FoV read	224 mm
FoV phase	100.0 %
Slice thickness	0.70 mm
Base resolution	320
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	Off

**Resolution - Common**

Interpolation	Off
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**Resolution - iPAT**

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Accel. factor 3D	1
Reference scan mode	Integrated

**Resolution - Filter Image**

Image Filter	On
Intensity	Medium
Edge Enhancement	3
Smoothing	3
Unfiltered images	Off
Distortion Corr.	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

**Resolution - Filter Rawdata**

Raw filter	Off
Elliptical filter	Off

**Geometry - Common**

Slab group	1
Slabs	1
Dist. factor	50 %
Position	R6.4 A11.1 F29.8 mm
Orientation	S > T-3.6 > C3.3
Phase enc. dir.	A >> P
Slice oversampling	14.3 %
Slices per slab	224
FoV read	224 mm
FoV phase	100.0 %
Slice thickness	0.70 mm
TR	2400.0 ms
Multi-slice mode	Single shot
Series	Ascending
Concatenations	1

**Geometry - AutoAlign**

Slab group	1
Position	R6.4 A11.1 F29.8 mm
Orientation	S > T-3.6 > C3.3
Phase enc. dir.	A >> P
AutoAlign	Head > Basis
Initial Position	R1.6 P2.8 H25.4
R	1.6 mm
P	2.8 mm
H	25.4 mm
Initial Rotation	0.08 deg
Initial Orientation	S > C
S > C	-0.1
> T	0.0

**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
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
AutoAlign	Head > Basis
Coil Select Mode	On - AutoCoilSelect

**System - Adjustments**

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

**System - Adjust Volume**

Position	R6.4 A11.1 F29.8 mm
Orientation	S > T-3.6 > C3.3
Rotation	7.19 deg
A >> P	224 mm
F >> H	224 mm
R >> L	157 mm
Reset	Off

**System - pTx Volumes**

B1 Shim mode	TrueForm
Excitation	Non-sel.

**System - Tx/Rx**

Frequency 1H	123.253601 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	2400.0 ms
Concatenations	1

**Physio - Cardiac**

Magn. preparation	Non-sel. IR
T1	1150 ms
Fat suppr.	Water excit. fast
Dark blood	Off
FoV read	224 mm
FoV phase	100.0 %
Phase resolution	100 %

**Physio - PACE**

Resp. control	Off
Concatenations	1

**Inline - Common**

Subtract	Off
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**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**

Distortion Corr.	Off
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**Inline - MapIt**

Save original images	On
MapIt	None
Flip angle	8 deg
Measurements	1
TR	2400.0 ms
TE	2.34 ms

**Sequence - Part 1**

Introduction	Off
Dimension	3D
Elliptical scanning	Off
Reordering	Linear
Asymmetric echo	Allowed
Flow comp.	No
Multi-slice mode	Single shot
Echo spacing	8.8 ms
Bandwidth	210 Hz/Px

**Sequence - Part 2**

RF pulse type	Normal
Gradient mode	Performance
Excitation	Non-sel.
RF spoiling	On
Incr. Gradient spoiling	On
Turbo factor	256

**Sequence - Assistant**

Mode	Off
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