Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

TA: 6:03

PAT: 2

Voxel size: 1.0 x 1.0 x 1.0 mm

Rel. SNR: 1.00

Properties

Prio Recon Before measurement After measurement	.....Off
Load to viewer	.....On
Inline movie	.....Off
Auto store images	.....On
Load to stamp segments	.....Off
Load images to graphic segments	.....Off
Auto open inline display	.....Off
Load to stamp segments	.....Off
Load images to graphic segments	.....Off
Auto open inline display	.....Off
Start measurement without further	.....On

preparation

Wait for user to start .....On

Start measurements .....single

Routine

Slab group 1

Slab 1

Dist. 50%

Factor L0.0

Position A14.2 H0.7

Orientation .....S > C0.2

Phase enc. dir. .....A >> P

Rotation .....0.00 deg

Phase oversampling 0%

Slice oversampling 0.0%

Slices per slab 176

FoV read .....256 mm

FoV phase 100.0%

Slice thickness .....1.00 mm

TR .....2530 ms

TE 1 .....3.31 ms

TE 2 .....6.99 ms

Averages 1

Concatenations 1

Filter .....Prescan Normalize

Coil elements .....HEA;HEP

Contrast

Magn. preparation .....Non-sel. IR

TI .....1100 ms

Flip angle .....7.0 deg

Fat suppr. .....None

Water suppr.	None
Averaging mode	Long term
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution

Base resolution	256
Phase resolution	100%
Slice resolution	100%
Phase partial Fourier	Off
Slice partial Fourier	Off
Interpolation	Off
PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	32
Matrix Coil Mode	Auto (Triple)
Reference scan mode	Integrated
Image Filter	Off
Distortion Corr.	Off
Unfiltered images	Off
Prescan Normalize	On
Normalize	Off
B1 filter	Off
Raw filter	Off
Elliptical filter	Off

Geometry

Multi-slice mode	Single shot
Series	Interleaved

System

Body	Off
HEP	On
HEA	On
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
Coil Combine Mode	Adaptive Combine
AutoAlign	Head > Brain
Auto Coil Select	Default
Shim mode	Standard
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Silicone	Off
? Ref. amplitude 1H	0.000 V
Adjustment Tolerance	Auto
Adjust volume	
Position	L0.0

	A14.2 H0.7
Orientation	S > C0.2
Rotation	0.00 deg
F >> H	256 mm
A >> P	256 mm
R >> L	176 mm

Physio

1st Signal/Mode	None
Dark blood	Off

Inline

Subtract	Off
Std-Dev-Sag	Off
Std-Dev-Cor	Off
Std-Dev-Tra	Off
Std-Dev-Time	Off
MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

Sequence

Introduction	On
Dimension	3D
Elliptical scanning	Off
Asymmetric echo	Off
Contrasts	2
Bandwidth 1	195 Hz/Px
Bandwidth 2	651

	Hz/Px
Flow comp. 1	.....No
Flow comp. 2	.....No
Echo spacing	.....10.1 ms
RF pulse type	.....Fast
Gradient mode	.....Fast
Excitation	.....Non-sel.
RF spoiling	.....On
Readout polarity	.....Positive
Readout trajectory	.....Bipolar
Add. scale factor	.....8.0
Gradient spoiling	.....Integral
Gradient moment factor	.....3.0
Siemens reconstruction	.....On
Save raw k-space data	.....Off
Averaging	.....RMS

Protocol source: https://www.phenxtoolkit.org/protocols/view/660501