

Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid investigators to integrate the collection of PhenX measures in your study. The PhenX measures that you selected and added to your Cart are presented in the DCW in alphabetical order. The DCW includes worksheets for data collection. Variables derived from the collected data are shown in the Data Dictionary (DD) with variable names and unique PhenX variable identifiers. The collection of DCWs produced by the Toolkit is not designed as a data collection instrument. Each investigator will decide how to integrate PhenX measures into data collection for their study.

TA: 6:03

PAT: 2

Voxel size: 1.0 x 1.0 x 1.0 mm

Rel. SNR: 1.00

Properties

Prio Recon	.....	Off
Before measurement		
After measurement		
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 preparation	.....	On

Wait for user to start	.....On
Start measurements	.....single
<u>Routine</u>	
Slab group 1	
Slab	.....1
Dist. Factor	.....50%
Position	.....L0.0 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
<u>Contrast</u>	
Magn. preparationNon-sel. IR
TI1100 ms
Flip angle7.0 deg

Fat suppr.None
Water suppr.None
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Averaging modeLong term
ReconstructionMagnitude
Measurements1
Multiple seriesEach measurement
<u>Resolution</u>	
Base resolution	.....256
Phase resolution	.....100%
Slice resolution	.....100%
Phase partial Fourier	.....Off
Slice partial Fourier	..... Off
Interpolation	.....Off
<hr/>	
PAT mode	.....GRAPPA
Accel. factor PE	.....2
Ref. lines PE32
Matrix Coil ModeAuto (Triple)
Reference scan modeIntegrated
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Image FilterOff
Distortion Corr.Off
Unfiltered imagesOff
Prescan NormalizeOn

NormalizeOff
B1 filterOff
Raw filterOff
Elliptical filterOff

Geometry

Multi-slice modeSingle shot
SeriesInterleaved

System

BodyOff
HEPOn
HEAOn

Positioning modeFIX
Table positionH
Table position0 mm
MSMAS - C - T
SagittalR >> L
CoronalA >> P
TransversalF >> H
Save uncombinedOff
Coil Combine ModeAdaptive Combine
AutoAlignHead > Brain
Auto Coil SelectDefault

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
OrientationS > C0.2
Rotation0.00 deg
F >> H256 mm
A >> P256 mm
R >> L176 mm

Physio

1st Signal/ModeNone
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Dark bloodOff
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Inline

SubtractOff
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Std-Dev-SagOff
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Std-Dev-CorOff
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Std-Dev-TraOff
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Std-Dev-TimeOff
MIP-SagOff
MIP-CorOff
MIP-TraOff
MIP-TimeOff
Save original imagesOn

Sequence

IntroductionOn
Dimension3D
Elliptical scanningOff
Asymmetric echoOff
Contrasts2
Bandwidth 1195 Hz/Px
Bandwidth 2651 Hz/Px
Flow comp. 1No
Flow comp. 2No
Echo spacing10.1 ms

RF pulse typeFast
Gradient modeFast
ExcitationNon-sel.
RF spoilingOn

Readout polarityPositive

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#Source>