

Protocol: adult\_head\_COMPASS-NDPhantomQC\_20161116170756320\_2

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	HNS Head/Neck/Chest	Imaging Options	Seq, EDR, Fast, SS, ARC
Plane	3-PLANE	<b>SCAN RANGE</b>	
Series Description	3Plane Loc SSFSE	FOV	26.0
<b>SCAN TIMING</b>		Slice Thickness	7.0
TE	80.0	Slice Spacing	0.0
TR	Minimum	<b>ACQ TIMING</b>	
Receiver Bandwidth	83.33	Freq	256
<b>IMAGE ENHANCE</b>		Phase	128
Filter Choice	None	Freq DIR	Unswap
<b>GATING/TRIGGER</b>		# of Acq. Before Pause	0
Auto Trigger Type	Off	Phase FOV	1.00
<b>FMRI</b>		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
Slice Order	Interleaved	<b>USER CVS</b>	
View Order	Bottom/Up	User CV1	1.00
# of Repetitions REST	0	User CV2	240.00
# of Repetitions ACTIVE	0	User CV13	1.00
<b>SAT</b>		<b>MULTI-PHASE</b>	
Tag Type	None	Seperate Series	0
<b>TRICKS</b>		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	<b>DIFFUSION</b>	
Auto SCIC	Off	Recon All Images	On
<b>OTHERS</b>		<b>CONTRAST</b>	
Protocol Notes	LEGO phantom with maker place	Contrast Yes/No	No

3Plane Loc SSFSE

3Plane Loc SSFSE

Sag 3D T1	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		Sag 3D T1
	Patient Entry	Head First	Imaging Mode	3D	
	Patient Position	Supine	Pulse Sequence	SPGR	
	Coil Configuration	HNS Head/Neck/Chest	Imaging Options	EDR, Fast, IrP, Asset	
	Plane	SAGITTAL	<b>SCAN RANGE</b>		
	Series Description	Sag 3D T1	FOV	25.6	
	<b>SCAN TIMING</b>		Slice Thickness	1.0	
	Flip Angle	11	Location per Slab	224	
	TE	Min Full	Overlap Locations	0	
	TI	400	<b>ACQ TIMING</b>		
	Receiver Bandwidth	31.25	Freq	256	
	<b>IMAGE ENHANCE</b>		Phase	256	
	Filter Choice	None	Freq DIR	S/I	
	<b>GATING/TRIGGER</b>		NEX	1.00	
	Auto Trigger Type	Off	Phase FOV	1.00	
	<b>FMRI</b>		Auto Shim	Auto	
	PSD Trigger	Internal	Phase Correction	No	
	Slice Order	Interleaved	<b>USER CVS</b>		
	View Order	Bottom/Up	User CV6	1.00	
	# of Repetitions REST	0	User CV23	100.00	
	# of Repetitions ACTIVE	0	<b>MULTI-PHASE</b>		
	<b>DIFFUSION</b>		Seperate Series	0	
	Recon All Images	On	Mask Phase	0	
	<b>CONTRAST</b>		Mask Pause	0	
	Contrast Yes/No	No	<b>TRICKS</b>		
		Pause On/Off	On		
		Auto Subtract	0		
		Auto SCIC	Off		
		<b>OTHERS</b>			
		Protocol Notes	Do not oblique volume in any plane.		

Ax PD/T2	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		Ax PD/T2
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	HNS Head/Neck/Chest	Imaging Options	EDR, Fast, Asset	
	Plane	AXIAL	<b>SCAN RANGE</b>		
	Series Description	Ax PD/T2	FOV	24.0	
	<b>SCAN TIMING</b>		Slice Thickness	3.0	
	Flip Angle	125	Slice Spacing	0.0	
	TE	Min Full	<b>ACQ TIMING</b>		
	TE2	85.0	Freq	256	
	Number of Echoes	2	Phase	256	
	TR	3000.0	Freq DIR	A/P	
	Echo Train Length	12	Fat Shift DIR	Normal (A)	
	Receiver Bandwidth	19.23	NEX	1.00	
	<b>IMAGE ENHANCE</b>		# of Acq. Before Pause	0	
	Filter Choice	None	Phase FOV	0.75	
	<b>GATING/TRIGGER</b>		Auto Shim	Auto	
	Auto Trigger Type	Off	Phase Correction	No	
	<b>FMRI</b>		<b>USER CVS</b>		
	PSD Trigger	Internal	User CV19	1.00	
	Slice Order	Interleaved	User CV22	1.00	
	View Order	Bottom/Up	<b>MULTI-PHASE</b>		
	# of Repetitions REST	0	Seperate Series	0	
	# of Repetitions ACTIVE	0	Mask Phase	0	
	<b>SAT</b>		Mask Pause	0	
Tag Type	None	<b>DIFFUSION</b>			
Fat/Water Saturation	Fat Classic	Recon All Images	On		
<b>TRICKS</b>		<b>CONTRAST</b>			
Pause On/Off	On	Contrast Yes/No	No		
Auto Subtract	0				
Auto SCIC	Off				
<b>OTHERS</b>					
Protocol Notes	Do not oblique volume in any plane. Be sure to cover full length of LEGO phantom				

Protocol: adult\_head\_COMPASS-NDPhantomQC\_20161116170756320\_2

Ax RestingState	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Gradient Echo
	Coil Configuration	HNS Head/Neck/Chest	Imaging Options	EPI, FMRI
	Plane	AXIAL	<b>SCAN RANGE</b>	
	Series Description	Ax RestingState	FOV	22.4
	<b>SCAN TIMING</b>		Slice Thickness	3.5
	Flip Angle	70	Slice Spacing	0.0
	TE	30.0	<b>ACQ TIMING</b>	
	TR	2500.0	Freq	64
	Number of Shots	1	Phase	64
	<b>IMAGE ENHANCE</b>		Freq DIR	R/L
	Filter Choice	None	NEX	1.00
	<b>GATING/TRIGGER</b>		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	<b>FMRI</b>		Phase Correction	Yes
	Brain Wave Real Time	1	<b>USER CVS</b>	
	Paradigm String	RESTING-TR2000-SL30-PH110	User CV0	1.00
	Paradigm UID	1.2.840.113819.3.69129719 458.1302532670.915	<b>MULTI-PHASE</b>	
	Initial State	Control	Slice per Location	100
	PSD Trigger	Internal	Delay after Acquisition	0
	Slice Order	Interleaved	Seperate Series	0
	View Order	Bottom/Up	Delay after Acquisition without AV	0
	# of Repetitions REST	8	Mask Phase	0
	# of Repetitions ACTIVE	8	Mask Pause	0
# of Dummy Acquisition	5	<b>DIFFUSION</b>		
<b>SAT</b>		Recon All Images	On	
Tag Type	None	<b>CONTRAST</b>		
Fat/Water Saturation	Fat	Contrast Yes/No	No	
<b>TRICKS</b>				
Pause On/Off	On			
Auto Subtract	0			
Auto SCIC	Off			
<b>OTHERS</b>				
Protocol Notes	Do not increase number of slices above 40. Ensure frequency direction is R/L Instructions to participant: " Stay awake, focus on a point, try not to think of anything in particular and keep your eyes open."			

Ax RestingState