

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>Seq, Fast</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>3-Plane Loc see notes</i>	FOV	<i>20.0</i>
SCAN TIMING		Slice Thickness	<i>5.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>2.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
GATING/TRIGGER		Phase	<i>128</i>
Auto Trigger Type	<i>Off</i>	Freq DIR	<i>Unswap</i>
MULTI-PHASE		NEX	<i>1.00</i>
Seperate Series	<i>0</i>	Phase FOV	<i>1.00</i>
Mask Phase	<i>0</i>	Auto Shim	<i>Auto</i>
Mask Pause	<i>0</i>	Phase Correction	<i>No</i>
DIFFUSION		FMRI	
Recon All Images	<i>On</i>	PSD Trigger	<i>Internal</i>
CONTRAST		View Order	<i>Bottom/Up</i>
Contrast Yes/No	<i>No</i>	# of Repetitions REST	<i>0</i>
		# of Repetitions ACTIVE	<i>0</i>
		SAT	
		Tag Type	<i>None</i>
		TRICKS	
		Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>

3-Plane Loc see notes

3-Plane Loc see notes

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>NPW, EDR, TRF, Fast</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Cor T1</i>	FOV	<i>15.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>352</i>
TR	<i>499.0</i>	Phase	<i>256</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>35.71</i>	Fat Shift DIR	<i>Normal (I)</i>
IMAGE ENHANCE		NEX	<i>3.00</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
GATING/TRIGGER		Phase Correction	<i>Yes</i>
Auto Trigger Type	<i>Off</i>	USER CVS	
FMRI		User CV8	<i>2.00</i>
PSD Trigger	<i>Internal</i>	User CV9	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>350.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>800.0</i>
SAT		MULTI-PHASE	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
TRICKS		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	DIFFUSION	
Auto SCIC	<i>Off</i>	Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Cor T1

Cor T1

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

COR STIR	PATIENT POSITION		IMAGING PARAMETERS		COR STIR
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>	
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>	
	Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>Seq, EDR, TRF, Fast, ZIP512, FR, IrP</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>COR STIR</i>	FOV	<i>15.0</i>	
	SCAN TIMING		Slice Thickness	<i>3.0</i>	
	Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>	
	TE	<i>41.0</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>320</i>	
	TR	<i>3430.0</i>	Phase	<i>192</i>	
	TI	<i>140</i>	Freq DIR	<i>S/I</i>	
	Echo Train Length	<i>11</i>	Fat Shift DIR	<i>Normal (I)</i>	
	Receiver Bandwidth	<i>35.71</i>	NEX	<i>3.00</i>	
	IMAGE ENHANCE		Phase FOV	<i>1.00</i>	
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>	
	GATING/TRIGGER		Phase Correction	<i>Yes</i>	
	Auto Trigger Type	<i>Off</i>	USER CVS		
	FMRI		User CV8	<i>1.00</i>	
	PSD Trigger	<i>Internal</i>	User CV21	<i>1.00</i>	
View Order	<i>Bottom/Up</i>	TR Min	<i>2500.0</i>		
# of Repetitions REST	<i>0</i>	TR Max	<i>8000.0</i>		
# of Repetitions ACTIVE	<i>0</i>	MULTI-PHASE			
SAT		Seperate Series	<i>0</i>		
Tag Type	<i>None</i>	Mask Phase	<i>0</i>		
TRICKS		Mask Pause	<i>0</i>		
Pause On/Off	<i>On</i>	DIFFUSION			
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>		
Auto SCIC	<i>Off</i>	CONTRAST			
		Contrast Yes/No	<i>No</i>		

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>Seq, EDR, TRF, Fast, ZIP512, FR, IrP</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG STIR</i>	FOV	<i>15.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>41.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>5011.0</i>	Phase	<i>192</i>
TI	<i>140</i>	Freq DIR	<i>S/I</i>
Echo Train Length	<i>12</i>	Fat Shift DIR	<i>Normal (S)</i>
Receiver Bandwidth	<i>35.71</i>	NEX	<i>4.00</i>
IMAGE ENHANCE		Phase FOV	<i>0.50</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
GATING/TRIGGER		Phase Correction	<i>Yes</i>
Auto Trigger Type	<i>Off</i>	USER CVS	
FMRI		User CV8	<i>1.00</i>
PSD Trigger	<i>Internal</i>	TR Min	<i>2500.0</i>
View Order	<i>Bottom/Up</i>	TR Max	<i>8000.0</i>
# of Repetitions REST	<i>0</i>	MULTI-PHASE	
# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>
SAT		Mask Phase	<i>0</i>
Tag Type	<i>None</i>	Mask Pause	<i>0</i>
TRICKS		DIFFUSION	
Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
Auto Subtract	<i>0</i>	CONTRAST	
Auto SCIC	<i>Off</i>	Contrast Yes/No	<i>No</i>

SAG STIR

SAG STIR

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>Seq, EDR, TRF, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG T1</i>	FOV	<i>15.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>352</i>
TR	<i>762.0</i>	Phase	<i>256</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (S)</i>
IMAGE ENHANCE		NEX	<i>4.00</i>
Filter Choice	<i>None</i>	Phase FOV	<i>0.50</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV8	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>400.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>800.0</i>
SAT		MULTI-PHASE	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
TRICKS		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	DIFFUSION	
Auto SCIC	<i>Off</i>	Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

SAG T1

SAG T1

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

SAG GRE T2*	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Gradient Echo</i>
	Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>ZIP512</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>SAG GRE T2*</i>	FOV	<i>15.0</i>
	SCAN TIMING		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>33</i>	Slice Spacing	<i>1.0</i>
	TE	<i>15.0</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>320</i>
	TR	<i>450.0</i>	Phase	<i>224</i>
	Receiver Bandwidth	<i>12.50</i>	Freq DIR	<i>S/I</i>
	IMAGE ENHANCE		NEX	<i>2.00</i>
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
	GATING/TRIGGER		Phase FOV	<i>0.50</i>
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
	MULTI-PHASE		Phase Correction	<i>No</i>
	Seperate Series	<i>0</i>	FMRI	
	Mask Phase	<i>0</i>	PSD Trigger	<i>Internal</i>
	Mask Pause	<i>0</i>	View Order	<i>Bottom/Up</i>
	DIFFUSION		# of Repetitions REST	<i>0</i>
	Recon All Images	<i>On</i>	# of Repetitions ACTIVE	<i>0</i>
	CONTRAST		SAT	
	Contrast Yes/No	<i>No</i>	Tag Type	<i>None</i>
		Fat/Water Saturation	<i>Fat</i>	
		TRICKS		
		Pause On/Off	<i>On</i>	
		Auto Subtract	<i>0</i>	
		Auto SCIC	<i>Off</i>	

SAG GRE T2*

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

Ax T1	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
	Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>EDR, TRF, Fast, ZIP512</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>Ax T1</i>	FOV	<i>12.0</i>
	SCAN TIMING		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
	TE	<i>Min Full</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>320</i>
	TR	<i>497.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
	IMAGE ENHANCE		NEX	<i>4.00</i>
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
	GATING/TRIGGER		Phase FOV	<i>0.50</i>
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
	FMRI		Phase Correction	<i>Yes</i>
	PSD Trigger	<i>Internal</i>	USER CVS	
	View Order	<i>Bottom/Up</i>	User CV8	<i>2.00</i>
	# of Repetitions REST	<i>0</i>	User CV9	<i>1.00</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>350.0</i>
	SAT		TR Max	<i>800.0</i>
	Tag Type	<i>None</i>	MULTI-PHASE	
	TRICKS		Seperate Series	<i>0</i>
Pause On/Off	<i>On</i>	Mask Phase	<i>0</i>	
Auto Subtract	<i>0</i>	Mask Pause	<i>0</i>	
Auto SCIC	<i>Off</i>	DIFFUSION		
		Recon All Images	<i>On</i>	
		CONTRAST		
		Contrast Yes/No	<i>No</i>	

Ax T1

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

AX T2 Fat Sat	PATIENT POSITION		IMAGING PARAMETERS		AX T2 Fat Sat
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>	
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>	
	Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>EDR, TRF, Fast, ZIP512, FR</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>AX T2 Fat Sat</i>	FOV	<i>12.0</i>	
	SCAN TIMING		Slice Thickness	<i>3.0</i>	
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>	
	TE	<i>60.0</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>288</i>	
	TR	<i>4846.0</i>	Phase	<i>224</i>	
	Echo Train Length	<i>17</i>	Freq DIR	<i>R/L</i>	
	Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>	
	IMAGE ENHANCE		NEX	<i>5.00</i>	
	Filter Choice	<i>None</i>	Phase FOV	<i>0.50</i>	
	GATING/TRIGGER		Auto Shim	<i>Auto</i>	
	Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>	
	FMRI		USER CVS		
	PSD Trigger	<i>Internal</i>	User CV8	<i>1.00</i>	
	View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>	
	# of Repetitions REST	<i>0</i>	TR Min	<i>2500.0</i>	
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>8000.0</i>	
	SAT		MULTI-PHASE		
	Tag Type	<i>None</i>	Seperate Series	<i>0</i>	
	Fat/Water Saturation	<i>Fat Classic</i>	Mask Phase	<i>0</i>	
TRICKS		Mask Pause	<i>0</i>		
Pause On/Off	<i>On</i>	DIFFUSION			
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>		
Auto SCIC	<i>Off</i>	CONTRAST			
		Contrast Yes/No	<i>No</i>		

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>EDR, TRF, Fast, ZIP512, FR</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>AX T2</i>	FOV	<i>12.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>100.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>6037.0</i>	Phase	<i>224</i>
Echo Train Length	<i>22</i>	Freq DIR	<i>R/L</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
IMAGE ENHANCE		NEX	<i>4.00</i>
Filter Choice	<i>None</i>	Phase FOV	<i>0.50</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV8	<i>1.00</i>
View Order	<i>Bottom/Up</i>	TR Min	<i>2500.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>8000.0</i>
# of Repetitions ACTIVE	<i>0</i>	MULTI-PHASE	
SAT		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Mask Phase	<i>0</i>
TRICKS		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	DIFFUSION	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>Off</i>	CONTRAST	
		Contrast Yes/No	<i>No</i>

AX T2

AX T2

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>EDR, TRF, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax T1 POST FS</i>	FOV	<i>12.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>575.0</i>	Phase	<i>224</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>R/L</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
GATING/TRIGGER		Phase FOV	<i>0.50</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV8	<i>2.00</i>
# of Repetitions REST	<i>0</i>	User CV9	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV19	<i>1.00</i>
SAT		MULTI-PHASE	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
Fat/Water Saturation	<i>Fat Classic</i>	Mask Phase	<i>0</i>
TRICKS		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	DIFFUSION	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>Off</i>	CONTRAST	
		Contrast Yes/No	<i>No</i>

Ax T1 POST FS

Ax T1 POST FS

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>NPW, EDR, TRF, Fast</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Cor T1 POST FS</i>	FOV	<i>15.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>352</i>
TR	<i>443.0</i>	Phase	<i>256</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>35.71</i>	Fat Shift DIR	<i>Normal (I)</i>
IMAGE ENHANCE		NEX	<i>3.00</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV8	<i>2.00</i>
View Order	<i>Bottom/Up</i>	User CV9	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV19	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV22	<i>1.00</i>
SAT		TR Min	<i>400.0</i>
Tag Type	<i>None</i>	TR Max	<i>650.0</i>
Fat/Water Saturation	<i>Fat Classic</i>	MULTI-PHASE	
TRICKS		Seperate Series	<i>0</i>
Pause On/Off	<i>On</i>	Mask Phase	<i>0</i>
Auto Subtract	<i>0</i>	Mask Pause	<i>0</i>
Auto SCIC	<i>Off</i>	DIFFUSION	
		Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Cor T1 POST FS

Cor T1 POST FS

Protocol: adult_upperExtremities_HAND W/WO 11-7-17

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>GEM Flex Medium Array</i>	Imaging Options	<i>Seq, EDR, TRF, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG T1 POST FS</i>	FOV	<i>15.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>352</i>
TR	<i>657.0</i>	Phase	<i>256</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (S)</i>
IMAGE ENHANCE		NEX	<i>4.00</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
GATING/TRIGGER		Phase FOV	<i>0.50</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV8	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV19	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV22	<i>1.00</i>
SAT		TR Min	<i>400.0</i>
Tag Type	<i>None</i>	TR Max	<i>675.0</i>
Fat/Water Saturation	<i>Fat Classic</i>	MULTI-PHASE	
TRICKS		Seperate Series	<i>0</i>
Pause On/Off	<i>On</i>	Mask Phase	<i>0</i>
Auto Subtract	<i>0</i>	Mask Pause	<i>0</i>
Auto SCIC	<i>Off</i>	DIFFUSION	
		Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

SAG T1 POST FS

SAG T1 POST FS