

Protocol: adult\_abdomen\_Hemachromatosis

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>Seq, EDR, TRF, Fast, SS, FR, ARC</i>
Plane	<i>3-PLANE</i>	<b>SCAN RANGE</b>	
Series Description	<i>3-Plane Localizer</i>	FOV	<i>48.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>8.0</i>
TE	<i>Minimum</i>	Slice Spacing	<i>10.0</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>Minimum</i>	Freq	<i>352</i>
Receiver Bandwidth	<i>62.50</i>	Phase	<i>192</i>
<b>IMAGE ENHANCE</b>		Freq DIR	<i>Unswap</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>FMRI</b>		Phase Correction	<i>No</i>
PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	User CV1	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV16	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	<b>MULTI-PHASE</b>	
<b>SAT</b>		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Mask Phase	<i>0</i>
<b>TRICKS</b>		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	<b>DIFFUSION</b>	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>Off</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

3-Plane Localizer

3-Plane Localizer

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Cor T2 SSFSE BH	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Spin Echo</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512, SS, FR, ARC</i>
	Plane	<i>CORONAL</i>	<b>SCAN RANGE</b>	
	Series Description	<i>Cor T2 SSFSE BH</i>	FOV	<i>34.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>6.0</i>
	TE	<i>90.0</i>	Slice Spacing	<i>0.0</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>Minimum</i>	Freq	<i>260</i>
	Receiver Bandwidth	<i>50.00</i>	Phase	<i>192</i>
	<b>IMAGE ENHANCE</b>		Freq DIR	<i>S/I</i>
	Filter Choice	<i>A</i>	NEX	<i>1.00</i>
	<b>GATING/TRIGGER</b>		# of Acq. Before Pause	<i>14</i>
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
	<b>FMRI</b>		Auto Shim	<i>Auto</i>
	PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
	View Order	<i>Bottom/Up</i>	<b>USER CVS</b>	
	# of Repetitions REST	<i>0</i>	User CV1	<i>1.00</i>
	# of Repetitions ACTIVE	<i>0</i>	User CV16	<i>1.00</i>
	<b>SAT</b>		<b>MULTI-PHASE</b>	
	Tag Type	<i>None</i>	Seperate Series	<i>0</i>
	<b>TRICKS</b>		Mask Phase	<i>0</i>
	Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
	Auto Subtract	<i>0</i>	<b>DIFFUSION</b>	
	Auto SCIC	<i>2</i>	Recon All Images	<i>On</i>
	<b>CONTRAST</b>		<b>TRACKER</b>	
	Contrast Yes/No	<i>No</i>	Tracker Length	<i>120.0</i>
		Tracker Thickness	<i>20.0</i>	

Cor T2 SSFSE BH

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Multi-Echo FGRE
Coil Configuration	GEM Body	Imaging Options	Fast
Plane	AXIAL	<b>SCAN RANGE</b>	
Series Description	Ax StarMap Short T2* BH	FOV	42.0
<b>SCAN TIMING</b>		Slice Thickness	8.0
Flip Angle	25	Slice Spacing	15.0
TE	Minimum	<b>ACQ TIMING</b>	
Number of Echoes	8	Freq	128
TR	35.3	Phase	128
Receiver Bandwidth	125.00	Freq DIR	R/L
<b>IMAGE ENHANCE</b>		NEX	1.00
Filter Choice	None	# of Acq. Before Pause	0
<b>GATING/TRIGGER</b>		Phase FOV	0.80
Auto Trigger Type	Off	Auto Shim	Auto
<b>FMRI</b>		Phase Correction	No
PSD Trigger	Internal	<b>USER CVS</b>	
Slice Order	Interleaved	User CV17	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	Recon All Images	On
<b>TRICKS</b>		<b>CONTRAST</b>	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	2		
<b>OTHERS</b>			
Protocol Notes	<p>Fat saturation will help minimize the variation of signal intensity between the multiple TE's.                      Recommended protocol for short T2* Liver</p> <p>StarMap is 4 slices with 8 TE's in one breath hold. No contrast. Pick best slice. Do ROI of that slice for all 8 TE's. ROI needs to be clean liver with no vessels. Enter ROI values into Excel Spreadsheet.</p>		

Ax StarMap Short T2\* BH

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