

Protocol: adult_abdomen_ENTEROGRAPHY 5-14-19

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	GEM Body	Imaging Options	Seq, EDR, TRF, Fast, SS, FR, ARC
Plane	3-PLANE	SCAN RANGE	
Series Description	3-Plane Localizer	FOV	48.0
SCAN TIMING		Slice Thickness	8.0
TE	80.0	Slice Spacing	3.0
Number of Echoes	1	ACQ TIMING	
TR	Minimum	Freq	352
Receiver Bandwidth	62.50	Phase	192
IMAGE ENHANCE		Freq DIR	Unswap
Filter Choice	None	# of Acq. Before Pause	0
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
FMRI		Phase Correction	No
PSD Trigger	Internal	USER CVS	
View Order	Bottom/Up	User CV1	1.00
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Seperate Series	0
SAT		Mask Phase	0
Tag Type	None	Mask Pause	0
TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No

3-Plane Localizer

3-Plane Localizer

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3-Plane Localizer	PATIENT POSITION		IMAGING PARAMETERS		3-Plane Localizer
	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>	SCAN RANGE		
	Series Description	<i>3-Plane Localizer</i>	FOV	<i>48.0</i>	
	SCAN TIMING		Slice Thickness	<i>8.0</i>	
	TE	<i>80.0</i>	Slice Spacing	<i>3.0</i>	
	Number of Echoes	<i>1</i>	ACQ TIMING		
	TR	<i>Minimum</i>	Freq	<i>352</i>	
	Receiver Bandwidth	<i>62.50</i>	Phase	<i>192</i>	
	IMAGE ENHANCE		Freq DIR	<i>Unswap</i>	
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>	
	GATING/TRIGGER		Phase FOV	<i>1.00</i>	
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>	
	FMRI		Phase Correction	<i>No</i>	
	PSD Trigger	<i>Internal</i>	USER CVS		
	View Order	<i>Bottom/Up</i>	User CV1	<i>1.0</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>		

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Cor FIESTA multi phase #2	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Fiesta</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>NPW, Seq, EDR, Fast, MPh, ZIP512, ARC</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>Cor FIESTA multi phase #2</i>	FOV	<i>44.0</i>
	SCAN TIMING		Slice Thickness	<i>10.0</i>
	Flip Angle	<i>60</i>	Slice Spacing	<i>2.0</i>
	TE	<i>Min Full</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>188</i>
	Receiver Bandwidth	<i>125.00</i>	Phase	<i>256</i>
	IMAGE ENHANCE		Freq DIR	<i>S/I</i>
	Filter Choice	<i>None</i>	NEX	<i>2.00</i>
	GATING/TRIGGER		# of Acq. Before Pause	<i>0</i>
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
	MULTI-PHASE		Phase Correction	<i>No</i>
	Slice per Location	<i>20</i>	FMRI	
	Seperate Series	<i>0</i>	PSD Trigger	<i>Internal</i>
	Delay after Acquisition without AV	<i>7</i>	View Order	<i>Bottom/Up</i>
	Mask Phase	<i>0</i>	# of Repetitions REST	<i>0</i>
	Mask Pause	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>
	DIFFUSION		SAT	
	Recon All Images	<i>On</i>	Tag Type	<i>None</i>
	CONTRAST		TRICKS	
	Contrast Yes/No	<i>No</i>	Pause On/Off	<i>On</i>
			Auto Subtract	<i>0</i>
			Auto SCIC	<i>Off</i>

Cor FIESTA multi phase #2

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Cal Body 48 AA	PATIENT POSITION		IMAGING PARAMETERS		Cal Body 48 AA
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>	
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>SPGR</i>	
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP2, Calib</i>	
	Plane	<i>AXIAL</i>	SCAN RANGE		
	Series Description	<i>Cal Body 48 AA</i>	FOV	<i>50.0</i>	
	SCAN TIMING		Slice Thickness	<i>16.0</i>	
	Number of Echoes	<i>1</i>	ACQ TIMING		
	IMAGE ENHANCE		Freq DIR	<i>R/L</i>	
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>	
	GATING/TRIGGER		Phase Correction	<i>No</i>	
	Auto Trigger Type	<i>Off</i>	FMRI		
	MULTI-PHASE		PSD Trigger	<i>Internal</i>	
	Seperate Series	<i>0</i>	View Order	<i>Bottom/Up</i>	
	Mask Phase	<i>0</i>	# of Repetitions REST	<i>0</i>	
	Mask Pause	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>	
	DIFFUSION		SAT		
	Recon All Images	<i>On</i>	Tag Type	<i>None</i>	
	CONTRAST		TRICKS		
	Contrast Yes/No	<i>No</i>	Pause On/Off	<i>On</i>	
		Auto Subtract	<i>0</i>		
		Auto SCIC	<i>Off</i>		

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Cor T2 SSFSE	PATIENT POSITION		IMAGING PARAMETERS		Cor T2 SSFSE
	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>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>Cor T2 SSFSE</i>	FOV	<i>44.0</i>	
	SCAN TIMING		Slice Thickness	<i>8.0</i>	
	TE	<i>90.0</i>	Slice Spacing	<i>-2.0</i>	
	Number of Echoes	<i>1</i>	ACQ TIMING		
	TR	<i>Minimum</i>	Freq	<i>384</i>	
	Receiver Bandwidth	<i>125.00</i>	Phase	<i>224</i>	
	IMAGE ENHANCE		Freq DIR	<i>S/I</i>	
	Filter Choice	<i>A</i>	NEX	<i>1.00</i>	
	GATING/TRIGGER		# of Acq. Before Pause	<i>0</i>	
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>0.80</i>	
	FMRI		Auto Shim	<i>Auto</i>	
	PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>	
	View Order	<i>Bottom/Up</i>	USER CVS		
	# of Repetitions REST	<i>0</i>	User CV1	<i>1.00</i>	
	# of Repetitions ACTIVE	<i>0</i>	User CV16	<i>1.00</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>2</i>	Recon All Images	<i>On</i>		
CONTRAST		TRACKER			
Contrast Yes/No	<i>No</i>	Tracker Length	<i>120.0</i>		
		Tracker Thickness	<i>20.0</i>		

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Cor FIESTA fs bh	PATIENT POSITION		IMAGING PARAMETERS		Cor FIESTA fs bh
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>	
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Fiesta</i>	
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>NPW, Seq, EDR, Fast, ZIP512, ARC</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>Cor FIESTA fs bh</i>	FOV	<i>44.0</i>	
	SCAN TIMING		Slice Thickness	<i>8.0</i>	
	Flip Angle	<i>60</i>	Slice Spacing	<i>-2.0</i>	
	TE	<i>Minimum</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>188</i>	
	Receiver Bandwidth	<i>125.00</i>	Phase	<i>300</i>	
	IMAGE ENHANCE		Freq DIR	<i>S/I</i>	
	Filter Choice	<i>U PORPDWI</i>	NEX	<i>2.00</i>	
	GATING/TRIGGER		# of Acq. Before Pause	<i>15</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		
	Delay after Acquisition without AV	<i>7</i>	PSD Trigger	<i>Internal</i>	
	Mask Phase	<i>0</i>	View Order	<i>Bottom/Up</i>	
	Mask Pause	<i>0</i>	# of Repetitions REST	<i>0</i>	
	DIFFUSION		# of Repetitions ACTIVE	<i>0</i>	
	Recon All Images	<i>On</i>	SAT		
	CONTRAST		Tag Type	<i>None</i>	
	Contrast Yes/No	<i>No</i>	Fat/Water Saturation	<i>Fat Special</i>	
		TRICKS			
		Pause On/Off	<i>On</i>		
		Auto Subtract	<i>0</i>		
		Auto SCIC	<i>2</i>		

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Ax T2 SSFSE FS	PATIENT POSITION		IMAGING PARAMETERS		Ax T2 SSFSE FS
	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>EDR, TRF, Fast, ZIP512, SS, FR, ARC</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>Ax T2 SSFSE FS</i>	FOV	<i>34.0</i>	
	SCAN TIMING		Slice Thickness	<i>7.0</i>	
	TE	<i>88.0</i>	Slice Spacing	<i>-1.0</i>	
	Number of Echoes	<i>1</i>	ACQ TIMING		
	TR	<i>1350.0</i>	Freq	<i>288</i>	
	TI	<i>160</i>	Phase	<i>192</i>	
	Receiver Bandwidth	<i>31.25</i>	Freq DIR	<i>R/L</i>	
	IMAGE ENHANCE		NEX	<i>1.00</i>	
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>11</i>	
	GATING/TRIGGER		Phase FOV	<i>0.80</i>	
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>	
	FMRI		Phase Correction	<i>No</i>	
	PSD Trigger	<i>Internal</i>	USER CVS		
	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>	MULTI-PHASE		
	SAT		Seperate Series	<i>0</i>	
	Tag Type	<i>None</i>	Mask Phase	<i>0</i>	
	Fat/Water Saturation	<i>Fat Special</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>2</i>	Contrast Yes/No	<i>No</i>		

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Ax T2 SSFSE	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>EDR, TRF, Fast, ZIP512, SS, FR, ARC</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>Ax T2 SSFSE</i>	FOV	<i>34.0</i>
	SCAN TIMING		Slice Thickness	<i>7.0</i>
	TE	<i>91.0</i>	Slice Spacing	<i>-1.0</i>
	Number of Echoes	<i>1</i>	ACQ TIMING	
	TR	<i>Minimum</i>	Freq	<i>300</i>
	Receiver Bandwidth	<i>31.25</i>	Phase	<i>192</i>
	IMAGE ENHANCE		Freq DIR	<i>R/L</i>
	Filter Choice	<i>None</i>	NEX	<i>1.00</i>
	GATING/TRIGGER		# of Acq. Before Pause	<i>33</i>
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>0.80</i>
	FMRI		Auto Shim	<i>Auto</i>
	PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
	View Order	<i>Bottom/Up</i>	USER CVS	
	# of Repetitions REST	<i>0</i>	User CV1	<i>1.00</i>
	# of Repetitions ACTIVE	<i>0</i>	User CV16	<i>1.00</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>2</i>	Recon All Images	<i>On</i>	
		CONTRAST		
		Contrast Yes/No	<i>No</i>	

Ax T2 SSFSE

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Ax FIESTA	PATIENT POSITION		IMAGING PARAMETERS		Ax FIESTA
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>	
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Fiesta</i>	
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>Seq, EDR, Fast, ZIP512, ARC</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>Ax FIESTA</i>	FOV	<i>34.0</i>	
	SCAN TIMING		Slice Thickness	<i>7.0</i>	
	Flip Angle	<i>70</i>	Slice Spacing	<i>-1.0</i>	
	TE	<i>Minimum</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>192</i>	
	Receiver Bandwidth	<i>100.00</i>	Phase	<i>320</i>	
	IMAGE ENHANCE		Freq DIR	<i>R/L</i>	
	Filter Choice	<i>None</i>	NEX	<i>1.00</i>	
	GATING/TRIGGER		# of Acq. Before Pause	<i>22</i>	
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>0.80</i>	
	MULTI-PHASE		Auto Shim	<i>Auto</i>	
	Seperate Series	<i>0</i>	Phase Correction	<i>No</i>	
	Mask Phase	<i>0</i>	FMRI		
	Mask Pause	<i>0</i>	PSD Trigger	<i>Internal</i>	
	DIFFUSION		View Order	<i>Bottom/Up</i>	
Recon All Images	<i>On</i>	# of Repetitions REST	<i>0</i>		
CONTRAST		# of Repetitions ACTIVE	<i>0</i>		
Contrast Yes/No	<i>No</i>	SAT			
		Tag Type	<i>None</i>		
		Fat/Water Saturation	<i>Fat Special</i>		
		TRICKS			
		Pause On/Off	<i>On</i>		
		Auto Subtract	<i>0</i>		
		Auto SCIC	<i>Off</i>		

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>SPGR</i>
Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ARC</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax Dual Echo</i>	FOV	<i>34.0</i>
SCAN TIMING		Slice Thickness	<i>7.0</i>
Flip Angle	<i>80</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>2</i>	ACQ TIMING	
TR	<i>250.0</i>	Freq	<i>280</i>
IMAGE ENHANCE		Phase	<i>160</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		NEX	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	# of Acq. Before Pause	<i>1</i>
MULTI-PHASE		Phase FOV	<i>0.90</i>
Seperate Series	<i>0</i>	Auto Shim	<i>Auto</i>
Mask Phase	<i>0</i>	Phase Correction	<i>No</i>
Mask Pause	<i>0</i>	FMRI	
DIFFUSION		PSD Trigger	<i>Internal</i>
Recon All Images	<i>On</i>	View Order	<i>Bottom/Up</i>
CONTRAST		# of Repetitions REST	<i>0</i>
Contrast Yes/No	<i>No</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>2</i>

Ax Dual Echo

Ax Dual Echo

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	GEM Body	Imaging Options	EPI, DIFF, Asset
Plane	OBLIQUE	SCAN RANGE	
Series Description	Ax DWI 3:1 BH B-50-700	FOV	40.0
SCAN TIMING		Slice Thickness	8.0
TE	Minimum	Slice Spacing	2.0
Number of Echoes	1	ACQ TIMING	
TR	4317.0	Freq	80
Number of Shots	1	Phase	128
IMAGE ENHANCE		Freq DIR	R/L
Filter Choice	None	Phase FOV	1.00
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	Yes
FMRI		USER CVS	
PSD Trigger	Internal	User CV0	1.00
View Order	Bottom/Up	User CV17	1.00
# of Repetitions REST	0	User CV18	1.00
# of Repetitions ACTIVE	0	TR Min	2000.0
SAT		TR Max	17000.0
Tag Type	None	MULTI-PHASE	
Fat/Water Saturation	Fat	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Optimized TE	Yes
		Diffusion Directions	All
		Number of Diffusion Directions	3
		Number of T2 Images	0
		Dual Spin Echo	Off
		Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

Ax DWI 3:1 BH B-50-700

Ax DWI 3:1 BH B-50-700

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3D Ax LAVA PRE GAD	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>LAVA</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, ARC, Flex</i>
	Plane	<i>OBLIQUE</i>	IDEAL	<i>15</i>
	Series Description	<i>3D Ax LAVA PRE GAD</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>32.0</i>
	Flip Angle	<i>12</i>	Slice Thickness	<i>6.0</i>
	TE	<i>Min Full</i>	Location per Slab	<i>70</i>
	Number of Echoes	<i>2</i>	Overlap Locations	<i>0</i>
	Receiver Bandwidth	<i>62.50</i>	ACQ TIMING	
	IMAGE ENHANCE		Freq	<i>258</i>
	Filter Choice	<i>B</i>	Phase	<i>180</i>
	GATING/TRIGGER		Freq DIR	<i>R/L</i>
	Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</i>
	FMRI		Phase FOV	<i>0.80</i>
	PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
	View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
	# of Repetitions REST	<i>0</i>	USER CVS	
	# of Repetitions ACTIVE	<i>0</i>	User CV4	<i>5.70</i>
	SAT		User CV6	<i>1.00</i>
	SAT Location	<i>S</i>	MULTI-PHASE	
	Tag Type	<i>None</i>	Seperate Series	<i>0</i>
	TRICKS		Trigger Delay without AV	<i>5.7</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>2</i>	DIFFUSION		
		Recon All Images	<i>On</i>	
		CONTRAST		
		Contrast Yes/No	<i>No</i>	

3D Ax LAVA PRE GAD

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3D Ax LAVA POST 45 SEC	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>LAVA</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, ARC, Flex</i>
	Plane	<i>OBLIQUE</i>	IDEAL	<i>3</i>
	Series Description	<i>3D Ax LAVA POST 45 SEC</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>32.0</i>
	Flip Angle	<i>12</i>	Slice Thickness	<i>6.0</i>
	TE	<i>Min Full</i>	Location per Slab	<i>70</i>
	Number of Echoes	<i>2</i>	Overlap Locations	<i>0</i>
	Receiver Bandwidth	<i>62.50</i>	ACQ TIMING	
	IMAGE ENHANCE		Freq	<i>258</i>
	Filter Choice	<i>B</i>	Phase	<i>180</i>
	GATING/TRIGGER		Freq DIR	<i>R/L</i>
	Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</i>
	FMRI		Phase FOV	<i>0.80</i>
	PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
	View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
	# of Repetitions REST	<i>0</i>	USER CVS	
	# of Repetitions ACTIVE	<i>0</i>	User CV4	<i>5.70</i>
	SAT		User CV6	<i>1.00</i>
	SAT Location	<i>S</i>	MULTI-PHASE	
	Tag Type	<i>None</i>	Seperate Series	<i>0</i>
	TRICKS		Trigger Delay without AV	<i>5.7</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>2</i>	DIFFUSION	
			Recon All Images	<i>On</i>
		CONTRAST		
		Contrast Yes/No	<i>Yes</i>	

3D Ax LAVA POST 45 SEC

Protocol: adult_abdomen_ENTEROGRAPHY 5-14-19

3D COR LAVA POST 75 SEC	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>LAVA</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, ARC, Flex</i>
	Plane	<i>OBLIQUE</i>	IDEAL	<i>3</i>
	Series Description	<i>3D COR LAVA POST 75 SEC</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>44.0</i>
	Flip Angle	<i>12</i>	Slice Thickness	<i>6.0</i>
	TE	<i>Min Full</i>	Location per Slab	<i>34</i>
	Number of Echoes	<i>2</i>	Overlap Locations	<i>0</i>
	Receiver Bandwidth	<i>62.50</i>	ACQ TIMING	
	IMAGE ENHANCE		Freq	<i>340</i>
	Filter Choice	<i>None</i>	Phase	<i>200</i>
	GATING/TRIGGER		Freq DIR	<i>S/I</i>
	Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</i>
	FMRI		Phase FOV	<i>0.80</i>
	PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
	View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
	# of Repetitions REST	<i>0</i>	USER CVS	
	# of Repetitions ACTIVE	<i>0</i>	User CV4	<i>5.70</i>
	SAT		User CV6	<i>1.00</i>
	Tag Type	<i>None</i>	MULTI-PHASE	
	TRICKS		Seperate Series	<i>0</i>
	Pause On/Off	<i>On</i>	Trigger Delay without AV	<i>5.7</i>
	Auto Subtract	<i>0</i>	Mask Phase	<i>0</i>
	Auto SCIC	<i>2</i>	Mask Pause	<i>0</i>
	CONTRAST		DIFFUSION	
	Contrast Yes/No	<i>Yes</i>	Recon All Images	<i>On</i>
		TRACKER		
		Tracker Length	<i>120.0</i>	
		Tracker Thickness	<i>20.0</i>	

3D COR LAVA POST 75 SEC

Protocol: adult_abdomen_ENTEROGRAPHY 5-14-19

3D Ax LAVA POST 95 SEC	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>LAVA</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, ARC, Flex</i>
	Plane	<i>OBLIQUE</i>	IDEAL	<i>3</i>
	Series Description	<i>3D Ax LAVA POST 95 SEC</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>32.0</i>
	Flip Angle	<i>12</i>	Slice Thickness	<i>6.0</i>
	TE	<i>Min Full</i>	Location per Slab	<i>70</i>
	Number of Echoes	<i>2</i>	Overlap Locations	<i>0</i>
	Receiver Bandwidth	<i>62.50</i>	ACQ TIMING	
	IMAGE ENHANCE		Freq	<i>258</i>
	Filter Choice	<i>B</i>	Phase	<i>180</i>
	GATING/TRIGGER		Freq DIR	<i>R/L</i>
	Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</i>
	FMRI		Phase FOV	<i>0.80</i>
	PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
	View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
	# of Repetitions REST	<i>0</i>	USER CVS	
	# of Repetitions ACTIVE	<i>0</i>	User CV4	<i>5.70</i>
	SAT		User CV6	<i>1.00</i>
	SAT Location	<i>S</i>	MULTI-PHASE	
	Tag Type	<i>None</i>	Seperate Series	<i>0</i>
	TRICKS		Trigger Delay without AV	<i>5.7</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>2</i>	DIFFUSION		
		Recon All Images	<i>On</i>	
		CONTRAST		
		Contrast Yes/No	<i>Yes</i>	

3D Ax LAVA POST 95 SEC

Protocol: adult_abdomen_ENTEROGRAPHY 5-14-19

3D SAG LAVA POST GAD	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	3D
	Patient Position	<i>Supine</i>	Pulse Sequence	LAVA
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, ARC, Flex</i>
	Plane	<i>SAGITTAL</i>	IDEAL	3
	Series Description	<i>3D SAG LAVA POST GAD</i>	SCAN RANGE	
	SCAN TIMING		FOV	44.0
	Flip Angle	12	Slice Thickness	6.0
	TE	<i>Min Full</i>	Location per Slab	52
	Number of Echoes	2	Overlap Locations	0
	Receiver Bandwidth	62.50	ACQ TIMING	
	IMAGE ENHANCE		Freq	340
	Filter Choice	<i>None</i>	Phase	200
	GATING/TRIGGER		Freq DIR	<i>S/I</i>
	Auto Trigger Type	<i>Off</i>	NEX	1.00
	FMRI		Phase FOV	0.80
	PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
	View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
	# of Repetitions REST	0	USER CVS	
	# of Repetitions ACTIVE	0	User CV4	5.70
	SAT		User CV6	1.00
	Tag Type	<i>None</i>	MULTI-PHASE	
	TRICKS		Seperate Series	0
	Pause On/Off	<i>On</i>	Trigger Delay without AV	5.7
	Auto Subtract	0	Mask Phase	0
	Auto SCIC	2	Mask Pause	0
	CONTRAST		DIFFUSION	
	Contrast Yes/No	<i>Yes</i>	Recon All Images	<i>On</i>
		TRACKER		
		Tracker Length	120.0	
		Tracker Thickness	20.0	

3D SAG LAVA POST GAD