

Protocol: adult_abdomen_Renal arteries without contrast IFIR

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>	
	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>		
		TRICKS			
		Pause On/Off	<i>On</i>		
		Auto Subtract	<i>0</i>		
		Auto SCIC	<i>Off</i>		

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3-Plane Localizer free breath	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>	SCAN RANGE	
	Series Description	<i>3-Plane Localizer free breath</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>
	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>	
		TRICKS		
		Pause On/Off	<i>On</i>	
		Auto Subtract	<i>0</i>	
		Auto SCIC	<i>Off</i>	

3-Plane Localizer free breath

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Ax FIESTA BH	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>Seq, EDR, Fast, ZIP512, ARC</i>
	Plane	<i>AXIAL</i>	SCAN RANGE	
	Series Description	<i>Ax FIESTA BH</i>	FOV	<i>36.0</i>
	SCAN TIMING		Slice Thickness	<i>6.0</i>
	Flip Angle	<i>70</i>	Slice Spacing	<i>0.0</i>
	TE	<i>Minimum</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>224</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>15</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>	

Ax FIESTA BH

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3D Ax IFIR Nav	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Inhance IFIR</i>
	Coil Configuration	<i>GEM Body</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, Asset, Nav, IrP</i>
	Plane	<i>AXIAL</i>	SCAN RANGE	
	Series Description	<i>3D Ax IFIR Nav</i>	FOV	<i>34.0</i>
	SCAN TIMING		Slice Thickness	<i>2.4</i>
	Flip Angle	<i>90</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>256</i>
	TI	<i>221</i>	Phase	<i>256</i>
	Blood Suppression TI	<i>1300</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>125.00</i>	Phase FOV	<i>0.90</i>
	IMAGE ENHANCE		Auto Shim	<i>Auto</i>
	Filter Choice	<i>None</i>	Phase Correction	<i>No</i>
	GATING/TRIGGER		FMRI	
	Auto Trigger Type	<i>Off</i>	PSD Trigger	<i>Internal</i>
	MULTI-PHASE		View Order	<i>Bottom/Up</i>
	Seperate Series	<i>0</i>	# of Repetitions REST	<i>0</i>
	Mask Phase	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>
	Mask Pause	<i>0</i>	SAT	
	DIFFUSION		Tag Type	<i>None</i>
	Recon All Images	<i>On</i>	Fat/Water Saturation	<i>Fat Special</i>
	TRACKER		TRICKS	
	Tracker Length	<i>120.0</i>	Pause On/Off	<i>On</i>
	Tracker Thickness	<i>20.0</i>	Auto Subtract	<i>0</i>
OTHERS		Auto SCIC	<i>Off</i>	
Protocol Notes	<i>Navigator at the liver dome.</i>	CONTRAST		
		Contrast Yes/No	<i>No</i>	

3D Ax IFIR Nav