

Protocol: adult_abdomen_RENAL ARTERYS

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>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>5.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>525.0</i>	Freq	<i>384</i>
Receiver Bandwidth	<i>83.33</i>	Phase	<i>160</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>1.00</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>

3-Plane Localizer

3-Plane Localizer

McLeod Pavilion

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Body	Imaging Options	Seq, EDR, Fast, SS, FR, ARC
Plane	3-PLANE		
Series Description	3-Plane Localizer BH		
SCAN TIMING		SCAN RANGE	
TE	70.0	FOV	48.0
Number of Echoes	1	Slice Thickness	15.0
TR	Minimum	Slice Spacing	5.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	160
		Freq DIR	Unswap
		# of Acq. Before Pause	0
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV2	240.00
		User CV13	1.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		DIFFUSION	
Tag Type	None	Recon All Images	On
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		
OTHERS			
Protocol Notes	Navigator Tracker Placement Considerations * Use breath hold 3 plane localizer for navigator tracker placement for optimal results*		

3-Plane Localizer BH

3-Plane Localizer BH

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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>Spin Echo</i>
Coil Configuration	<i>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>5.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>525.0</i>	Freq	<i>384</i>
Receiver Bandwidth	<i>83.33</i>	Phase	<i>160</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>1.00</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>

3-Plane Localizer

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Body	Imaging Options	Seq, EDR, Fast, SS, FR, ARC
Plane	3-PLANE		
Series Description	3-Plane Localizer BH		
SCAN TIMING		SCAN RANGE	
TE	70.0	FOV	48.0
Number of Echoes	1	Slice Thickness	15.0
TR	Minimum	Slice Spacing	5.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	160
GATING/TRIGGER		Freq DIR	Unswap
Auto Trigger Type	Off	# of Acq. Before Pause	0
		Phase FOV	1.00
FMRI		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
View Order	Bottom/Up		
# of Repetitions REST	0	USER CVS	
# of Repetitions ACTIVE	0	User CV2	240.00
		User CV13	1.00
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
		Mask Phase	0
TRICKS		Mask Pause	0
Pause On/Off	On	DIFFUSION	
Auto Subtract	0	Recon All Images	On
Auto SCIC	Off	CONTRAST	
OTHERS		Contrast Yes/No	No
Protocol Notes	Navigator Tracker Placement Considerations * Use breath hold 3 plane localizer for navigator tracker placement for optimal results*		

3-Plane Localizer BH

3-Plane Localizer BH

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Ax FIESTA ASPIR BH	PATIENT POSITION		IMAGING PARAMETERS		Ax FIESTA ASPIR 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>Body</i>	Imaging Options	<i>Seq, EDR, Fast, ARC</i>	
	Plane	<i>AXIAL</i>	SCAN RANGE		
	Series Description	<i>Ax FIESTA ASPIR BH</i>	FOV	<i>40.0</i>	
	SCAN TIMING		Slice Thickness	<i>7.0</i>	
	Flip Angle	<i>50</i>	Slice Spacing	<i>1.0</i>	
	TE	<i>Minimum</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>192</i>	
	TI	<i>210</i>	Phase	<i>300</i>	
	Receiver Bandwidth	<i>125.00</i>	Freq DIR	<i>R/L</i>	
	IMAGE ENHANCE		NEX	<i>1.00</i>	
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>	
	GATING/TRIGGER		Phase FOV	<i>0.80</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 Special</i>		
		TRICKS			
		Pause On/Off	<i>On</i>		
		Auto Subtract	<i>0</i>		
		Auto SCIC	<i>Off</i>		
		OTHERS			
		Protocol Notes	<i>Tip: - Place a shim volume over the liver to help reduce artifacts. - TI time for ASPIR (ChemSAT) can be modified by changing the Prep Time.</i>		

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Cor SSFSE BH	PATIENT POSITION		IMAGING PARAMETERS		Cor SSFSE BH
	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>Body</i>	Imaging Options	<i>EDR, TRF, Fast, SS, ARC</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>Cor SSFSE BH</i>	FOV	<i>40.0</i>	
	SCAN TIMING		Slice Thickness	<i>6.0</i>	
	TE	<i>90.0</i>	Slice Spacing	<i>1.0</i>	
	Number of Echoes	<i>1</i>	ACQ TIMING		
	TR	<i>800.0</i>	Freq	<i>320</i>	
	Receiver Bandwidth	<i>62.50</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>9</i>	
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</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>	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>2</i>	CONTRAST			
		Contrast Yes/No	<i>No</i>		

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3D Ax IFIR RT	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>Body</i>	Imaging Options	<i>Fast, RT, ZIP2, Asset, IrP</i>
	Plane	<i>AXIAL</i>	SCAN RANGE	
	Series Description	<i>3D Ax IFIR RT</i>	FOV	<i>36.0</i>
	SCAN TIMING		Slice Thickness	<i>2.0</i>
	Flip Angle	<i>50</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>192</i>
	TI	<i>220</i>	Phase	<i>320</i>
	Blood Suppression TI	<i>1200</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>125.00</i>	Phase FOV	<i>1.00</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>
	Resp. Trigger Point	<i>30</i>	View Order	<i>Bottom/Up</i>
	MULTI-PHASE		# of Repetitions REST	<i>0</i>
	Seperate Series	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>
	Mask Phase	<i>0</i>	SAT	
	Mask Pause	<i>0</i>	Tag Type	<i>None</i>
	DIFFUSION		Fat/Water Saturation	<i>Fat Special</i>
	Recon All Images	<i>On</i>	TRICKS	
	CONTRAST		Pause On/Off	<i>On</i>
	Contrast Yes/No	<i>No</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>2</i>	
		OTHERS		
		Protocol Notes	<i>-It is recommended to do a calibration scan on expiration, before completing an Inhance 3D Inflow of the renals. -For optimal image quality, prescribe a shim volume over the renal region</i>	

3D Ax IFIR RT