

Protocol: adult_pelvis_SACRUM-COCCYX

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	GEM Spine	Imaging Options	Seq, EDR, Fast, SS, ARC
Plane	3-PLANE	SCAN RANGE	
Series Description	3-Plane Localizer	FOV	50.0
SCAN TIMING		Slice Thickness	4.0
TE	80.0	Slice Spacing	5.0
Number of Echoes	1	ACQ TIMING	
TR	Minimum	Freq	384
Receiver Bandwidth	83.33	Phase	160
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	User CV2	240.00
# of Repetitions ACTIVE	0	User CV13	1.00
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

3-Plane Localizer

3-Plane Localizer

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CORONAL OBLIQUE T1W	PATIENT POSITION		IMAGING PARAMETERS		CORONAL OBLIQUE T1W
	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 Spine</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>CORONAL OBLIQUE T1W</i>	FOV	<i>22.0</i>	
	SCAN TIMING		Slice Thickness	<i>4.0</i>	
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.5</i>	
	TE	<i>Min Full</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>288</i>	
	TR	<i>686.0</i>	Phase	<i>224</i>	
	Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>	
	Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (A)</i>	
	IMAGE ENHANCE		NEX	<i>5.00</i>	
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>	
	GATING/TRIGGER		Phase Correction	<i>No</i>	
	Auto Trigger Type	<i>Off</i>	USER CVS		
	FMRI		User CV15	<i>2.00</i>	
	PSD Trigger	<i>Internal</i>	User CV16	<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>700.0</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>		

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CORONAL OBLIQUE STIR	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 Spine</i>	Imaging Options	<i>FC, NPW, Seq, EDR, TRF, Fast, ZIP512, ARC, IrP</i>
	Plane	<i>OBLIQUE</i>	PSD Name	<i>frfse-xl</i>
	Series Description	<i>CORONAL OBLIQUE STIR</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>22.0</i>
	Flip Angle	<i>160</i>	Slice Thickness	<i>4.0</i>
	TE	<i>49.0</i>	Slice Spacing	<i>1.5</i>
	Number of Echoes	<i>1</i>	ACQ TIMING	
	TR	<i>4358.0</i>	Freq	<i>256</i>
	TI	<i>160</i>	Phase	<i>160</i>
	Echo Train Length	<i>13</i>	Freq DIR	<i>A/P</i>
	Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (A)</i>
	IMAGE ENHANCE		NEX	<i>4.00</i>
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
	GATING/TRIGGER		Phase Correction	<i>No</i>
	Auto Trigger Type	<i>Off</i>	Flow Direction	<i>Freq</i>
	MULTI-PHASE		Compensation	
	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>	

CORONAL OBLIQUE STIR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR
Plane	OBLIQUE		
Series Description	SAGITTAL T2W FAT SAT		
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	24.0
TE	81.0	Slice Thickness	4.0
Number of Echoes	1	Slice Spacing	1.5
TR	3643.0		
Echo Train Length	21	ACQ TIMING	
Receiver Bandwidth	31.25	Freq	352
		Phase	224
		Freq DIR	A/P
		Fat Shift DIR	Normal (P)
		NEX	4.00
		# of Acq. Before Pause	0
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	None	User CV15	2.00
		User CV19	1.00
		TR Min	2500.0
		TR Max	6000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
SAT Location	S	Contrast Yes/No	No
SAT Location	I		
Tag Type	None		
Fat/Water Saturation	Fat Classic		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	Off		

SAGITTAL T2W FAT SAT

SAGITTAL T2W FAT SAT

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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>FSE-XL</i>
Coil Configuration	<i>GEM Spine</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>SAGITTAL T1W</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>160</i>	FOV	<i>24.0</i>
TE	<i>Min Full</i>	Slice Thickness	<i>4.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>1.5</i>
TR	<i>602.0</i>		
Echo Train Length	<i>3</i>	ACQ TIMING	
Receiver Bandwidth	<i>31.25</i>	Freq	<i>352</i>
		Phase	<i>192</i>
		Freq DIR	<i>A/P</i>
		Fat Shift DIR	<i>Normal (P)</i>
		NEX	<i>4.00</i>
		# of Acq. Before Pause	<i>0</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
IMAGE ENHANCE		USER CVS	
Filter Choice	<i>None</i>	User CV15	<i>2.00</i>
		User CV16	<i>1.00</i>
		User CV22	<i>1.00</i>
		TR Min	<i>400.0</i>
		TR Max	<i>700.0</i>
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	<i>Off</i>	Seperate Series	<i>0</i>
		Mask Phase	<i>0</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>		
# 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>		
TRICKS			
Pause On/Off	<i>On</i>		
Auto Subtract	<i>0</i>		
Auto SCIC	<i>Off</i>		

SAGITTAL T1W

SAGITTAL T1W

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, ZIP512, FR
Plane	OBLIQUE		
Series Description	AXIAL T2W		
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	16.0
TE	102.0	Slice Thickness	4.0
Number of Echoes	1	Slice Spacing	1.5
TR	6273.0		
Echo Train Length	23	ACQ TIMING	
Receiver Bandwidth	41.67	Freq	256
		Phase	192
		Freq DIR	A/P
		Fat Shift DIR	Normal (A)
		NEX	5.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction	Slice
		Compensation	
IMAGE ENHANCE		USER CVS	
Filter Choice	None	User CV15	2.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
Tag Type	None	Contrast Yes/No	No
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	Off		

AXIAL T2W

AXIAL T2W

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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>FSE-XL</i>
Coil Configuration	<i>GEM Spine</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>AXIAL OBLIQUE T1W</i>	FOV	<i>22.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.5</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>557.0</i>	Phase	<i>192</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (A)</i>
IMAGE ENHANCE		NEX	<i>4.00</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>No</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV15	<i>2.00</i>
View Order	<i>Bottom/Up</i>	User CV16	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV22	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>400.0</i>
SAT		TR Max	<i>700.0</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>

AXIAL OBLIQUE T1W

AXIAL OBLIQUE T1W

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AXIAL OBLIQUE T2W FAT SAT	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 Spine</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512, FR</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>AXIAL OBLIQUE T2W FAT SAT</i>	FOV	<i>22.0</i>
	SCAN TIMING		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.5</i>
	TE	<i>100.0</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>288</i>
	TR	<i>5280.0</i>	Phase	<i>192</i>
	Echo Train Length	<i>23</i>	Freq DIR	<i>A/P</i>
	Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (A)</i>
	IMAGE ENHANCE		NEX	<i>6.00</i>
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
	GATING/TRIGGER		Phase Correction	<i>No</i>
	Auto Trigger Type	<i>Off</i>	USER CVS	
	FMRI		User CV15	<i>2.00</i>
	PSD Trigger	<i>Internal</i>	User CV19	<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>	
Fat/Water Saturation	<i>Fat Classic</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>	

AXIAL OBLIQUE T2W FAT SAT