

Protocol: adult_pelvis_SI JOINT

3-Plane Localizer	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>HNS by GE (TL)</i>	Imaging Options	<i>Seq, EDR, Fast, SS, ARC, MRF</i>
	Plane	<i>3-PLANE</i>	SCAN RANGE	
	Series Description	<i>3-Plane Localizer</i>	FOV	<i>38.0</i>
	SCAN TIMING		Slice Thickness	<i>10.0</i>
	TE	<i>100.0</i>	Slice Spacing	<i>5.0</i>
	Number of Echoes	<i>1</i>	ACQ TIMING	
	TR	<i>Minimum</i>	Freq	<i>256</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	
	Slice Order	<i>Interleaved</i>	User CV1	<i>1.00</i>
	View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</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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Ax T1 FSE	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>HNS by GE (TL)</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>Ax T1 FSE</i>	FOV	<i>20.0</i>
	SCAN TIMING		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
	TE	<i>Min Full</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>260</i>
	TR	<i>736.0</i>	Phase	<i>192</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (A)</i>
	IMAGE ENHANCE		NEX	<i>3.00</i>
	Filter Choice	<i>A</i>	Phase FOV	<i>1.00</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>
	Slice Order	<i>Interleaved</i>	User CV21	<i>2.00</i>
	View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>
	# of Repetitions REST	<i>0</i>	TR Min	<i>450.0</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</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>2</i>	Recon All Images	<i>On</i>	
		CONTRAST		
		Contrast Yes/No	<i>No</i>	

Ax T1 FSE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	HNS by GE (TL)	Imaging Options	FC, NPW, Seq, EDR, TRF, Fast, IrP
Plane	OBLIQUE	PSD Name	frfse-xl
Series Description	AX STIR		
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	22.0
TE	42.0	Slice Thickness	4.0
Number of Echoes	1	Slice Spacing	1.0
TR	6365.0		
TI	140	ACQ TIMING	
Echo Train Length	14	Freq	288
Receiver Bandwidth	31.25	Phase	160
		Freq DIR	A/P
		Fat Shift DIR	Normal (A)
		NEX	3.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	A	User CV21	1.00
		User CV22	1.00
		TR Min	3500.0
		TR Max	15000.0
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
Slice Order	Interleaved		
View Order	Bottom/Up	CONTRAST	
# of Repetitions REST	0	Contrast Yes/No	No
# of Repetitions ACTIVE	0		
SAT			
SAT Location	S		
SAT Location	I		
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	Off		

AX STIR

AX STIR

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COR T1 FSE	PATIENT POSITION		IMAGING PARAMETERS		COR T1 FSE
	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>HNS by GE (TL)</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ZIP512</i>	
	Plane	<i>OBLIQUE</i>	SCAN RANGE		
	Series Description	<i>COR T1 FSE</i>	FOV	<i>20.0</i>	
	SCAN TIMING		Slice Thickness	<i>3.0</i>	
	Flip Angle	<i>160</i>	Slice Spacing	<i>0.5</i>	
	TE	<i>Min Full</i>	ACQ TIMING		
	Number of Echoes	<i>1</i>	Freq	<i>260</i>	
	TR	<i>749.0</i>	Phase	<i>192</i>	
	Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>	
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (I)</i>	
	IMAGE ENHANCE		NEX	<i>3.00</i>	
	Filter Choice	<i>A</i>	Phase FOV	<i>1.00</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>	
	Slice Order	<i>Interleaved</i>	User CV21	<i>2.00</i>	
	View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>	
	# of Repetitions REST	<i>0</i>	TR Min	<i>450.0</i>	
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</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>2</i>	Recon All Images	<i>On</i>		
		CONTRAST			
		Contrast Yes/No	<i>No</i>		

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COR 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>HNS by GE (TL)</i>	Imaging Options	<i>FC, NPW, Seq, EDR, TRF, Fast, IrP</i>
	Plane	<i>OBLIQUE</i>	PSD Name	<i>frfse-xl</i>
	Series Description	<i>COR STIR</i>	SCAN RANGE	
	SCAN TIMING		FOV	<i>24.0</i>
	Flip Angle	<i>160</i>	Slice Thickness	<i>3.0</i>
	TE	<i>42.0</i>	Slice Spacing	<i>0.5</i>
	Number of Echoes	<i>1</i>	ACQ TIMING	
	TR	<i>6180.0</i>	Freq	<i>288</i>
	TI	<i>140</i>	Phase	<i>160</i>
	Echo Train Length	<i>14</i>	Freq DIR	<i>S/I</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (I)</i>
	IMAGE ENHANCE		NEX	<i>3.00</i>
	Filter Choice	<i>A</i>	Phase FOV	<i>1.00</i>
	GATING/TRIGGER		Auto Shim	<i>Auto</i>
	Auto Trigger Type	<i>Off</i>	Phase Correction	<i>No</i>
	FMRI		Flow Direction Compensation	<i>Freq</i>
	PSD Trigger	<i>Internal</i>	USER CVS	
	Slice Order	<i>Interleaved</i>	User CV21	<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>3500.0</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>15000.0</i>
	SAT		MULTI-PHASE	
	SAT Location	<i>S</i>	Seperate Series	<i>0</i>
	SAT Location	<i>I</i>	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>	

COR 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	HNS by GE (TL)	Imaging Options	FC, NPW, Seq, EDR, TRF, Fast, IrP
Plane	OBLIQUE	PSD Name	frfse-xl
Series Description	SAG STIR		
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	20.0
TE	42.0	Slice Thickness	4.0
Number of Echoes	1	Slice Spacing	1.0
TR	7791.0		
TI	140	ACQ TIMING	
Echo Train Length	14	Freq	288
Receiver Bandwidth	31.25	Phase	192
IMAGE ENHANCE		Freq DIR	A/P
Filter Choice	A	Fat Shift DIR	Normal (P)
GATING/TRIGGER		NEX	2.00
Auto Trigger Type	Off	Phase FOV	1.00
FMRI		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
Slice Order	Interleaved	Flow Direction	Freq
View Order	Bottom/Up	Compensation	
# of Repetitions REST	0	USER CVS	
# of Repetitions ACTIVE	0	User CV21	1.00
SAT		User CV22	1.00
SAT Location	A	TR Min	3500.0
SAT Location	S	TR Max	15000.0
SAT Location	I	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

SAG STIR

SAG STIR

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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>HNS by GE (TL)</i>	Imaging Options	<i>NPW, EDR, TRF, Fast</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Sag T1 FSE</i>	FOV	<i>20.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>490.0</i>	Phase	<i>224</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (P)</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>A</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	
Slice Order	<i>Interleaved</i>	User CV15	<i>2.00</i>
View Order	<i>Bottom/Up</i>	User CV22	<i>2.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>450.0</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>2</i>	Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Sag T1 FSE

Sag T1 FSE