

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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>		
Series Description	<i>3-Plane Localizer</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>100.0</i>	FOV	<i>36.0</i>
Number of Echoes	<i>1</i>	Slice Thickness	<i>10.0</i>
TR	<i>Minimum</i>	Slice Spacing	<i>5.0</i>
Receiver Bandwidth	<i>83.33</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>160</i>
		Freq DIR	<i>Unswap</i>
		# of Acq. Before Pause	<i>0</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		USER CVS	
Auto Trigger Type	<i>Off</i>	User CV1	<i>1.00</i>
		User CV2	<i>240.00</i>
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	Seperate Series	<i>0</i>
Slice Order	<i>Interleaved</i>	Mask Phase	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Pause	<i>0</i>
# of Repetitions REST	<i>0</i>		
# of Repetitions ACTIVE	<i>0</i>		
SAT		DIFFUSION	
Tag Type	<i>None</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>Off</i>		

3-Plane Localizer

3-Plane Localizer

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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	NPW, EDR, TRF, Fast, ZIP512, MRF
Plane	OBLIQUE		
Series Description	Ax T1 FSE FS		
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	20.0
TE	Min Full	Slice Thickness	4.0
Number of Echoes	1	Slice Spacing	1.0
TR	598.0		
Echo Train Length	3	ACQ TIMING	
Receiver Bandwidth	31.25	Freq	260
		Phase	192
		Freq DIR	R/L
		Fat Shift DIR	Normal (L)
		NEX	3.00
		# of Acq. Before Pause	0
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
IMAGE ENHANCE		USER CVS	
Filter Choice	None	User CV15	2.00
		User CV19	1.00
		User CV21	2.00
		User CV22	1.00
		TR Min	450.0
		TR Max	750.0
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		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
SAT Location	A	Contrast Yes/No	No
Tag Type	None		
Fat/Water Saturation	Fat		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Ax T1 FSE FS

Ax T1 FSE FS

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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>
Plane	<i>OBLIQUE</i>	Imaging Options	<i>FC, NPW, Seq, EDR, TRF, Fast, MRF, IrP</i>
Series Description	<i>AX STIR</i>	PSD Name	<i>frfse-xl</i>
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>160</i>	FOV	<i>24.0</i>
TE	<i>42.0</i>	Slice Thickness	<i>3.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.5</i>
TR	<i>3500.0</i>	ACQ TIMING	
TI	<i>150</i>	Freq	<i>288</i>
Echo Train Length	<i>13</i>	Phase	<i>192</i>
Receiver Bandwidth	<i>31.25</i>	Freq DIR	<i>Swap</i>
IMAGE ENHANCE		Fat Shift DIR	<i>Normal</i>
Filter Choice	<i>None</i>	NEX	<i>4.00</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>	Flow Direction	<i>Freq</i>
Slice Order	<i>Interleaved</i>	Compensation	
View Order	<i>Bottom/Up</i>	USER CVS	
# of Repetitions REST	<i>0</i>	User CV21	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV22	<i>1.00</i>
SAT		TR Min	<i>3500.0</i>
SAT Location	<i>S</i>	TR Max	<i>15000.0</i>
SAT Location	<i>I</i>	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>

AX STIR

AX STIR

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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, MRF</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>COR T1 FSE</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>160</i>	FOV	<i>20.0</i>
TE	<i>Min Full</i>	Slice Thickness	<i>4.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>1.0</i>
TR	<i>450.0</i>		
Echo Train Length	<i>3</i>	ACQ TIMING	
Receiver Bandwidth	<i>31.25</i>	Freq	<i>260</i>
IMAGE ENHANCE		Phase	<i>192</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		Fat Shift DIR	<i>Normal (L)</i>
Auto Trigger Type	<i>Off</i>	NEX	<i>3.00</i>
FMRI		# of Acq. Before Pause	<i>0</i>
PSD Trigger	<i>Internal</i>	Phase FOV	<i>1.00</i>
Slice Order	<i>Interleaved</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 CV15	<i>2.00</i>
SAT		User CV21	<i>2.00</i>
SAT Location	<i>A</i>	User CV22	<i>1.00</i>
Tag Type	<i>None</i>	TR Min	<i>450.0</i>
TRICKS		TR Max	<i>750.0</i>
Pause On/Off	<i>On</i>	MULTI-PHASE	
Auto Subtract	<i>0</i>	Seperate Series	<i>0</i>
Auto SCIC	<i>2</i>	Mask Phase	<i>0</i>
		Mask Pause	<i>0</i>
		DIFFUSION	
		Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

COR T1 FSE

COR T1 FSE

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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>
Plane	<i>OBLIQUE</i>	Imaging Options	<i>FC, NPW, Seq, EDR, TRF, Fast, MRF, IrP</i>
Series Description	<i>COR STIR</i>	PSD Name	<i>frfse-xl</i>
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>160</i>	FOV	<i>24.0</i>
TE	<i>42.0</i>	Slice Thickness	<i>3.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.5</i>
TR	<i>3500.0</i>	ACQ TIMING	
TI	<i>150</i>	Freq	<i>288</i>
Echo Train Length	<i>13</i>	Phase	<i>192</i>
Receiver Bandwidth	<i>31.25</i>	Freq DIR	<i>Swap</i>
IMAGE ENHANCE		Fat Shift DIR	<i>Normal</i>
Filter Choice	<i>None</i>	NEX	<i>4.00</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>	Flow Direction Compensation	<i>Freq</i>
Slice Order	<i>Interleaved</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV21	<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>3500.0</i>
SAT		TR Max	<i>15000.0</i>
SAT Location	<i>S</i>	MULTI-PHASE	
SAT Location	<i>I</i>	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>Off</i>	CONTRAST	
		Contrast Yes/No	<i>No</i>

COR STIR

COR STIR

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Plane	OBLIQUE	Imaging Options	FC, NPW, Seq, EDR, TRF, Fast, MRF, IrP
Series Description	SAG STIR	PSD Name	frfse-xl
SCAN TIMING		SCAN RANGE	
Flip Angle	160	FOV	24.0
TE	42.0	Slice Thickness	3.0
Number of Echoes	1	Slice Spacing	0.5
TR	3500.0	ACQ TIMING	
TI	150	Freq	288
Echo Train Length	13	Phase	192
Receiver Bandwidth	31.25	Freq DIR	Swap
IMAGE ENHANCE		Fat Shift DIR	Normal
Filter Choice	None	NEX	4.00
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
FMRI		Phase Correction	No
PSD Trigger	Internal	Flow Direction Compensation	Freq
Slice Order	Interleaved	USER CVS	
View Order	Bottom/Up	User CV21	1.00
# of Repetitions REST	0	User CV22	1.00
# of Repetitions ACTIVE	0	TR Min	3500.0
SAT		TR Max	15000.0
SAT Location	S	MULTI-PHASE	
SAT Location	I	Seperate Series	0
Tag Type	None	Mask Phase	0
TRICKS		Mask Pause	0
Pause On/Off	On	DIFFUSION	
Auto Subtract	0	Recon All Images	On
Auto SCIC	Off	CONTRAST	
		Contrast Yes/No	No

SAG STIR

SAG STIR

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

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>HD 8Ch High Res Brain Array by Invivo</i>	Imaging Options	<i>Fast, SS</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>---CONTRAST---</i>	FOV	<i>22.0</i>
SCAN TIMING		Slice Thickness	<i>5.0</i>
TE	<i>Minimum</i>	Slice Spacing	<i>1.0</i>
TR	<i>Minimum</i>	ACQ TIMING	
Receiver Bandwidth	<i>83.33</i>	Freq	<i>128</i>
IMAGE ENHANCE		Phase	<i>128</i>
Filter Choice	<i>None</i>	Freq DIR	<i>A/P</i>
GATING/TRIGGER		NEX	<i>1.0</i>
Auto Trigger Type	<i>Off</i>	# of Acq. Before Pause	<i>0</i>
FMRI		Phase FOV	<i>1.00</i>
PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
Slice Order	<i>Interleaved</i>	Phase Correction	<i>No</i>
View Order	<i>Bottom/Up</i>	USER CVS	
# of Repetitions REST	<i>0</i>	User CV2	<i>240.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV13	<i>1.00</i>
SAT		TR Min	<i>0.0</i>
Tag Type	<i>None</i>	TR Max	<i>0.0</i>
TRICKS		MULTI-PHASE	
Pause On/Off	<i>On</i>	Seperate Series	<i>0</i>
Auto Subtract	<i>0</i>	Mask Phase	<i>0</i>
Auto SCIC	<i>Off</i>	Mask Pause	<i>0</i>
		DIFFUSION	
		Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

+C Ax T1 FSE FS	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, MRF</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>+C Ax T1 FSE FS</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>598.0</i>	Phase	<i>192</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (L)</i>
	IMAGE ENHANCE		NEX	<i>3.00</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 CV15	<i>2.00</i>
	View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>
	# of Repetitions REST	<i>0</i>	User CV21	<i>2.00</i>
	# of Repetitions ACTIVE	<i>0</i>	User CV22	<i>1.00</i>
	SAT		TR Min	<i>450.0</i>
	SAT Location	<i>A</i>	TR Max	<i>750.0</i>
Tag Type	<i>None</i>	MULTI-PHASE		
Fat/Water Saturation	<i>Fat</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>Yes</i>	

+C Ax T1 FSE FS

Protocol: adult_pelvis_SI JOINT/SACRUM W/WO

+C COR T1 FSE FS	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, MRF</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>+C COR T1 FSE FS</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>598.0</i>	Phase	<i>192</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (L)</i>
	IMAGE ENHANCE		NEX	<i>3.00</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 CV15	<i>2.00</i>
	View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>
	# of Repetitions REST	<i>0</i>	User CV21	<i>2.00</i>
	# of Repetitions ACTIVE	<i>0</i>	User CV22	<i>1.00</i>
	SAT		TR Min	<i>450.0</i>
	SAT Location	<i>A</i>	TR Max	<i>750.0</i>
	Tag Type	<i>None</i>	MULTI-PHASE	
	Fat/Water Saturation	<i>Fat</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>Yes</i>	

+C COR T1 FSE FS