

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

LOC	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		LOC
	Patient Entry	Feet First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Spin Echo	
	Coil Configuration	HD 8Ch Body Array by GE	Imaging Options	Seq, EDR, Fast, SS, ARC	
	Plane	3-PLANE	<b>SCAN RANGE</b>		
	Series Description	LOC	FOV	48.0	
	<b>SCAN TIMING</b>		Slice Thickness	8.0	
	TE	80.0	Slice Spacing	5.0	
	Number of Echoes	1	<b>ACQ TIMING</b>		
	TR	Minimum	Freq	352	
	Receiver Bandwidth	83.33	Phase	160	
	<b>IMAGE ENHANCE</b>		Freq DIR	Unswap	
	Filter Choice	None	# of Acq. Before Pause	0	
	<b>GATING/TRIGGER</b>		Phase FOV	1.00	
	Auto Trigger Type	Off	Auto Shim	Auto	
	<b>FMRI</b>		Phase Correction	No	
	PSD Trigger	Internal	<b>USER CVS</b>		
	Slice Order	Interleaved	User CV2	240.00	
	View Order	Bottom/Up	<b>MULTI-PHASE</b>		
	# of Repetitions REST	0	Seperate Series	0	
	# of Repetitions ACTIVE	0	Mask Phase	0	
	<b>SAT</b>		Mask Pause	0	
	Tag Type	None	<b>DIFFUSION</b>		
	<b>TRICKS</b>		Recon All Images	On	
	Pause On/Off	On	<b>CONTRAST</b>		
Auto Subtract	0	Contrast Yes/No	No		
Auto SCIC	Off				
<b>OTHERS</b>					
Protocol Notes	<p><i>This protocol is built based on Express coil suite. Please select the appropriate coil which is available in your site and optimizing the parameters accordingly.</i></p>				

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LOC	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		LOC
	Patient Entry	Feet First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Spin Echo	
	Coil Configuration	HD 8Ch Body Array by GE	Imaging Options	Seq, EDR, Fast, SS, ARC	
	Plane	3-PLANE	<b>SCAN RANGE</b>		
	Series Description	LOC	FOV	48.0	
	<b>SCAN TIMING</b>		Slice Thickness	8.0	
	TE	80.0	Slice Spacing	5.0	
	Number of Echoes	1	<b>ACQ TIMING</b>		
	TR	Minimum	Freq	352	
	Receiver Bandwidth	83.33	Phase	160	
	<b>IMAGE ENHANCE</b>		Freq DIR	Unswap	
	Filter Choice	None	# of Acq. Before Pause	0	
	<b>GATING/TRIGGER</b>		Phase FOV	1.00	
	Auto Trigger Type	Off	Auto Shim	Auto	
	<b>FMRI</b>		Phase Correction	No	
	PSD Trigger	Internal	<b>USER CVS</b>		
	Slice Order	Interleaved	User CV2	240.00	
	View Order	Bottom/Up	<b>MULTI-PHASE</b>		
	# of Repetitions REST	0	Seperate Series	0	
	# of Repetitions ACTIVE	0	Mask Phase	0	
	<b>SAT</b>		Mask Pause	0	
	Tag Type	None	<b>DIFFUSION</b>		
	<b>TRICKS</b>		Recon All Images	On	
	Pause On/Off	On	<b>CONTRAST</b>		
Auto Subtract	0	Contrast Yes/No	No		
Auto SCIC	Off				
<b>OTHERS</b>					
Protocol Notes	<p><i>This protocol is built based on Express coil suite. Please select the appropriate coil which is available in your site and optimizing the parameters accordingly.</i></p>				

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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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>EDR, Fast, SS, Asset, MRF</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Ax T2 SSFSE BH ASSET</i>	FOV	<i>35.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
TE	<i>90.0</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>Minimum</i>	Freq	<i>320</i>
Receiver Bandwidth	<i>62.50</i>	Phase	<i>224</i>
<b>IMAGE ENHANCE</b>		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	NEX	<i>1.00</i>
<b>GATING/TRIGGER</b>		# of Acq. Before Pause	<i>0</i>
Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
<b>FMRI</b>		Auto Shim	<i>Auto</i>
PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
Slice Order	<i>Interleaved</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	User CV2	<i>264.00</i>
# of Repetitions REST	<i>0</i>	<b>MULTI-PHASE</b>	
# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>
<b>SAT</b>		Mask Phase	<i>0</i>
Tag Type	<i>None</i>	Mask Pause	<i>0</i>
<b>TRICKS</b>		<b>DIFFUSION</b>	
Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
Auto Subtract	<i>0</i>	<b>CONTRAST</b>	
Auto SCIC	<i>Off</i>	Contrast Yes/No	<i>No</i>
<b>OTHERS</b>			
Protocol Notes	<i>CHECK COVERAGE IN PHASE DIRECTION TO AVOID WRAP</i>		

Ax T2 SSFSE BH ASSET

Ax T2 SSFSE BH ASSET

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	HD 8Ch Body Array by GE	Imaging Options	EDR, Fast, SS, ARC, MRF
Plane	OBLIQUE	<b>SCAN RANGE</b>	
Series Description	Ax SSFSE BH ARC	FOV	35.0
<b>SCAN TIMING</b>		Slice Thickness	3.0
TE	80.0	Slice Spacing	0.0
Number of Echoes	1	<b>ACQ TIMING</b>	
TR	Minimum	Freq	288
Receiver Bandwidth	83.33	Phase	192
<b>IMAGE ENHANCE</b>		Freq DIR	R/L
Filter Choice	None	NEX	1.00
<b>GATING/TRIGGER</b>		# of Acq. Before Pause	0
Auto Trigger Type	Off	Phase FOV	1.00
<b>FMRI</b>		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
Slice Order	Interleaved	<b>USER CVS</b>	
View Order	Bottom/Up	User CV2	240.00
# of Repetitions REST	0	<b>MULTI-PHASE</b>	
# of Repetitions ACTIVE	0	Seperate Series	0
<b>SAT</b>		Mask Phase	0
Tag Type	None	Mask Pause	0
<b>TRICKS</b>		<b>DIFFUSION</b>	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	<b>CONTRAST</b>	
Auto SCIC	Off	Contrast Yes/No	No
<b>OTHERS</b>			
Protocol Notes	CHECK COVERAGE IN PHASE DIRECTION TO AVOID WRAP		

Ax SSFSE BH ARC

Ax SSFSE BH ARC

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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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>EDR, Fast, SS, MRF</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>COR SSFSE ARC</i>	FOV	<i>35.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>Minimum</i>	Freq	<i>288</i>
Receiver Bandwidth	<i>83.33</i>	Phase	<i>192</i>
<b>IMAGE ENHANCE</b>		Freq DIR	<i>S/I</i>
Filter Choice	<i>None</i>	NEX	<i>1.00</i>
<b>GATING/TRIGGER</b>		# of Acq. Before Pause	<i>0</i>
Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
<b>FMRI</b>		Auto Shim	<i>Auto</i>
PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
Slice Order	<i>Interleaved</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</i>
# of Repetitions REST	<i>0</i>	<b>MULTI-PHASE</b>	
# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>
<b>SAT</b>		Mask Phase	<i>0</i>
Tag Type	<i>None</i>	Mask Pause	<i>0</i>
<b>TRICKS</b>		<b>DIFFUSION</b>	
Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
Auto Subtract	<i>0</i>	<b>CONTRAST</b>	
Auto SCIC	<i>Off</i>	Contrast Yes/No	<i>No</i>

COR SSFSE ARC

COR SSFSE ARC

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

SAG SSFSE ARC	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		SAG SSFSE ARC
	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 Body Array by GE</i>	Imaging Options	<i>EDR, Fast, SS, MRF</i>	
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>		
	Series Description	<i>SAG SSFSE ARC</i>	FOV	<i>35.0</i>	
	<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>	
	TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>	
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>		
	TR	<i>Minimum</i>	Freq	<i>288</i>	
	Receiver Bandwidth	<i>83.33</i>	Phase	<i>192</i>	
	<b>IMAGE ENHANCE</b>		Freq DIR	<i>S/I</i>	
	Filter Choice	<i>None</i>	NEX	<i>1.00</i>	
	<b>GATING/TRIGGER</b>		# of Acq. Before Pause	<i>0</i>	
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>	
	<b>FMRI</b>		Auto Shim	<i>Auto</i>	
	PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>	
	Slice Order	<i>Interleaved</i>	<b>USER CVS</b>		
	View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</i>	
	# of Repetitions REST	<i>0</i>	<b>MULTI-PHASE</b>		
	# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>	
	<b>SAT</b>		Mask Phase	<i>0</i>	
	Tag Type	<i>None</i>	Mask Pause	<i>0</i>	
	<b>TRICKS</b>		<b>DIFFUSION</b>		
	Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>	
Auto Subtract	<i>0</i>	<b>CONTRAST</b>			
Auto SCIC	<i>Off</i>	Contrast Yes/No	<i>No</i>		
<b>OTHERS</b>					
Protocol Notes	<i>CHECK COVERAGE IN PHASE DIRECTION TO AVOID WRAP</i>				

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	SPGR
Coil Configuration	HD 8Ch Body Array by GE	Imaging Options	Fast
Plane	OBLIQUE	<b>SCAN RANGE</b>	
Series Description	SAG T1 FSPGR	FOV	35.0
<b>SCAN TIMING</b>		Slice Thickness	3.0
Flip Angle	12	Location per Slab	30
TE	Min Full	Overlap Locations	0
Number of Echoes	1	<b>ACQ TIMING</b>	
Receiver Bandwidth	62.50	Freq	256
<b>IMAGE ENHANCE</b>		Phase	192
Filter Choice	None	Freq DIR	S/I
<b>GATING/TRIGGER</b>		NEX	2.00
Auto Trigger Type	Off	Phase FOV	1.00
<b>FMRI</b>		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
Slice Order	Interleaved	<b>USER CVS</b>	
View Order	Bottom/Up	User CV6	2.00
# of Repetitions REST	0	User CV23	100.00
# of Repetitions ACTIVE	0	<b>MULTI-PHASE</b>	
<b>SAT</b>		Seperate Series	0
Tag Type	None	Trigger Delay without AV	0
<b>TRICKS</b>		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	<b>DIFFUSION</b>	
Auto SCIC	On	Recon All Images	On
		<b>CONTRAST</b>	
		Contrast Yes/No	No

SAG T1 FSPGR

SAG T1 FSPGR

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

SAG SSFSE ARC FAT SAT	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	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 Body Array by GE</i>	Imaging Options	<i>EDR, Fast, SS, MRF</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>SAG SSFSE ARC FAT SAT</i>	FOV	<i>35.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
	TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>Minimum</i>	Freq	<i>288</i>
	TI	<i>130</i>	Phase	<i>192</i>
	Receiver Bandwidth	<i>83.33</i>	Freq DIR	<i>S/I</i>
	<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
	<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
	Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
	<b>FMRI</b>		Phase Correction	<i>No</i>
	PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
	Slice Order	<i>Interleaved</i>	User CV2	<i>240.00</i>
	View Order	<i>Bottom/Up</i>	<b>MULTI-PHASE</b>	
	# of Repetitions REST	<i>0</i>	Seperate Series	<i>0</i>
	# of Repetitions ACTIVE	<i>0</i>	Mask Phase	<i>0</i>
	<b>SAT</b>		Mask Pause	<i>0</i>
	Tag Type	<i>None</i>	<b>DIFFUSION</b>	
	Fat/Water Saturation	<i>Fat Special</i>	Recon All Images	<i>On</i>
<b>TRICKS</b>		<b>CONTRAST</b>		
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>	
Auto Subtract	<i>0</i>			
Auto SCIC	<i>Off</i>			
<b>OTHERS</b>				
Protocol Notes	<i>CHECK COVERAGE IN PHASE DIRECTION TO AVOID WRAP</i>			

SAG SSFSE ARC FAT SAT

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

COR FIESTA FS BH	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>Fiesta</i>
	Coil Configuration	<i>HD 8Ch Body Array by GE</i>	Imaging Options	<i>Seq, EDR, Fast, ZIP512, Asset</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>COR FIESTA FS BH</i>	FOV	<i>35.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>70</i>	Slice Spacing	<i>0.0</i>
	TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
	Number of Echoes	<i>1</i>	Freq	<i>224</i>
	Receiver Bandwidth	<i>83.33</i>	Phase	<i>320</i>
	<b>IMAGE ENHANCE</b>		Freq DIR	<i>S/I</i>
	Filter Choice	<i>None</i>	NEX	<i>1.00</i>
	<b>GATING/TRIGGER</b>		# of Acq. Before Pause	<i>16</i>
	Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
	<b>MULTI-PHASE</b>		Auto Shim	<i>Auto</i>
	Seperate Series	<i>0</i>	Phase Correction	<i>No</i>
	Mask Phase	<i>0</i>	<b>FMRI</b>	
	Mask Pause	<i>0</i>	PSD Trigger	<i>Internal</i>
	<b>DIFFUSION</b>		Slice Order	<i>Interleaved</i>
	Recon All Images	<i>On</i>	View Order	<i>Bottom/Up</i>
	<b>CONTRAST</b>		# of Repetitions REST	<i>0</i>
	Contrast Yes/No	<i>No</i>	# of Repetitions ACTIVE	<i>0</i>
			<b>SAT</b>	
			Tag Type	<i>None</i>
		Fat/Water Saturation	<i>Fat Special</i>	
		<b>TRICKS</b>		
		Pause On/Off	<i>On</i>	
		Auto Subtract	<i>0</i>	
		Auto SCIC	<i>Off</i>	
		<b>OTHERS</b>		
		Protocol Notes	<i>KIDNEYS THRU THE PELVIS</i>	

COR FIESTA FS BH

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	HD 8Ch Body Array by GE	Imaging Options	EDR, Fast, SS, MRF
Plane	OBLIQUE	<b>SCAN RANGE</b>	
Series Description	COR SSFSE ARC FAT SAT	FOV	35.0
<b>SCAN TIMING</b>		Slice Thickness	3.0
TE	80.0	Slice Spacing	0.0
Number of Echoes	1	<b>ACQ TIMING</b>	
TR	Minimum	Freq	288
TI	130	Phase	192
Receiver Bandwidth	83.33	Freq DIR	S/I
<b>IMAGE ENHANCE</b>		NEX	1.00
Filter Choice	None	# of Acq. Before Pause	0
<b>GATING/TRIGGER</b>		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
<b>FMRI</b>		Phase Correction	No
PSD Trigger	Internal	<b>USER CVS</b>	
Slice Order	Interleaved	User CV2	240.00
View Order	Bottom/Up	<b>MULTI-PHASE</b>	
# of Repetitions REST	0	Seperate Series	0
# of Repetitions ACTIVE	0	Mask Phase	0
<b>SAT</b>		Mask Pause	0
Tag Type	None	<b>DIFFUSION</b>	
Fat/Water Saturation	Fat Special	Recon All Images	On
<b>TRICKS</b>		<b>CONTRAST</b>	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

COR SSFSE ARC FAT SAT

COR SSFSE ARC FAT SAT

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

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 Body Array by GE</i>	Imaging Options	<i>EDR, Fast, SS, MRF</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>AXIAL SSFSE ARC FAT SAT</i>	FOV	<i>35.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>Minimum</i>	Freq	<i>288</i>
TI	<i>130</i>	Phase	<i>192</i>
Receiver Bandwidth	<i>83.33</i>	Freq DIR	<i>R/L</i>
<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>FMRI</b>		Phase Correction	<i>No</i>
PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
Slice Order	<i>Interleaved</i>	User CV2	<i>240.00</i>
View Order	<i>Bottom/Up</i>	<b>MULTI-PHASE</b>	
# of Repetitions REST	<i>0</i>	Seperate Series	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>	Mask Phase	<i>0</i>
<b>SAT</b>		Mask Pause	<i>0</i>
Tag Type	<i>None</i>	<b>DIFFUSION</b>	
Fat/Water Saturation	<i>Fat Special</i>	Recon All Images	<i>On</i>
<b>TRICKS</b>		<b>CONTRAST</b>	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>Off</i>		

AXIAL SSFSE ARC FAT SAT

AXIAL SSFSE ARC FAT SAT

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Coil Configuration	8Ch Body FullFOV	Gradient Mode	NA
Plane	Oblique	SCAN RANGE	
SCAN TIMING		FOV	35.0cm
Flip Angle	160.145Degrees	Slice Thickness	3.0mm
TE	72.676ms	Slice Spacing	0.0mm
TR	9.0s		
TI	2.342s		
Echo Train Length	24		
Receiver Bandwidth	62.5KHz		
ACQ TIMING			
Freq	192		
Phase	24		
Freq DIR	R/L		
Fat Shift DIR	Normal (L)		
NEX	1.5		
Phase FOV	35.0cm		

AX T2 FLAIR PROPELLER

AX T2 FLAIR PROPELLER

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
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 Body Array by GE</i>	Imaging Options	<i>EPI, DIFF, Asset</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Ax DW 800/500/50</i>	FOV	<i>37.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
TE	<i>Minimum</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>7222.0</i>	Freq	<i>80</i>
Number of Shots	<i>1</i>	Phase	<i>128</i>
<b>IMAGE ENHANCE</b>		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	Phase FOV	<i>1.00</i>
<b>GATING/TRIGGER</b>		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
<b>FMRI</b>		<b>USER CVS</b>	
PSD Trigger	<i>Internal</i>	User CV0	<i>1.00</i>
Slice Order	<i>Interleaved</i>	User CV1	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV9	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV17	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>2000.0</i>
<b>SAT</b>		TR Max	<i>17000.0</i>
Tag Type	<i>None</i>	<b>MULTI-PHASE</b>	
<b>TRICKS</b>		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>2</i>	<b>DIFFUSION</b>	
		Optimized TE	<i>Yes</i>
		Diffusion Directions	<i>64</i>
		Number of Diffusion Directions	<i>1</i>
		Number of T2 Images	<i>0</i>
		Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
		<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

Ax DW 800/500/50

Ax DW 800/500/50

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>SPGR</i>
Coil Configuration	<i>HD 8Ch Body Array by GE</i>	Imaging Options	<i>EDR, Fast, ZIP512, Asset</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>CORONAL T1 FSPGR FS BH</i>	FOV	<i>35.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
Flip Angle	<i>80</i>	Slice Spacing	<i>0.5</i>
TE	<i>In Phase</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>256</i>
TR	<i>180.0</i>	Phase	<i>192</i>
Receiver Bandwidth	<i>25.00</i>	Freq DIR	<i>S/I</i>
<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>1</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>MULTI-PHASE</b>		Phase Correction	<i>No</i>
Seperate Series	<i>0</i>	<b>FMRI</b>	
Mask Phase	<i>0</i>	PSD Trigger	<i>Internal</i>
Mask Pause	<i>0</i>	Slice Order	<i>Interleaved</i>
<b>DIFFUSION</b>		View Order	<i>Bottom/Up</i>
Recon All Images	<i>On</i>	# of Repetitions REST	<i>0</i>
<b>CONTRAST</b>		# of Repetitions ACTIVE	<i>0</i>
Contrast Yes/No	<i>No</i>	<b>SAT</b>	
		Tag Type	<i>None</i>
		<b>TRICKS</b>	
		Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>

CORONAL T1 FSPGR FS BH

CORONAL T1 FSPGR FS BH

Protocol: adult\_pelvis\_CONWELL FETUS SCAN

PATIENT POSITION		IMAGING PARAMETERS	
Coil Configuration	8Ch Body FullFOV	Gradient Mode	NA
Plane	Oblique	SCAN RANGE	
SCAN TIMING		FOV	38.0cm
Flip Angle	160.145Degrees	Slice Thickness	3.0mm
TE	71.428ms	Slice Spacing	0.0mm
TR	9.0s		
TI	2.343s		
Echo Train Length	24		
Receiver Bandwidth	62.5KHz		
ACQ TIMING			
Freq	192		
Phase	24		
Freq DIR	R/L		
Fat Shift DIR	Normal (L)		
NEX	1.5		
Phase FOV	38.0cm		

AX T2 FLAIR PROPELLER

AX T2 FLAIR PROPELLER