

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Left Decub	Pulse Sequence	Spin Echo
Coil Configuration	8Ch Body FullFOV	Imaging Options	Seq, Fast, SS
Plane	3-PLANE		
Series Description	LOC T2SS		
SCAN TIMING		SCAN RANGE	
TE	90.0	FOV	48.0
TR	Minimum	Slice Thickness	7.0
Receiver Bandwidth	41.67	Slice Spacing	2.0
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	On
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV2	240.00
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
DIFFUSION		ASSET	
Optimized TE	Yes	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		
MULTI-STATION			
Number of Stations	0		
Station Number	0		

LOC T2SS

LOC T2SS

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, ZIP512, SS</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>OBL SSFSE</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>90.0</i>	FOV	<i>30.0</i>
TR	<i>4000.0</i>	Slice Thickness	<i>4.0</i>
Receiver Bandwidth	<i>20.83</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>224</i>
		Phase	<i>192</i>
		Freq DIR	<i>Unswap</i>
		# of Acq. Before Pause	<i>0</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		USER CVS	
Auto Trigger Type	<i>Off</i>	User CV2	<i>240.00</i>
MULTI-PHASE		SAT	
Seperate Series	<i>0</i>	Tag Type	<i>None</i>
Mask Phase	<i>0</i>		
Mask Pause	<i>0</i>		
ASSET		TRICKS	
Slice Acceleration Factor	<i>1.00</i>	Pause On/Off	<i>On</i>
Phase Acceleration Factor	<i>1.00</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>On</i>
CONTRAST		MULTI-STATION	
Contrast Yes/No	<i>No</i>	Number of Stations	<i>0</i>
		Station Number	<i>0</i>

OBL SSFSE

OBL SSFSE

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>SPGR</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>FSPGR</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>70</i>	FOV	<i>38.0</i>
TE	<i>Minimum</i>	Slice Thickness	<i>5.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.0</i>
TR	<i>160.0</i>		
Receiver Bandwidth	<i>31.25</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>128</i>
		Freq DIR	<i>S/I</i>
		NEX	<i>1.00</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</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>
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

FSPGR

FSPGR

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, ZIP512, SS</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>UROGRAM 4MM</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>180.0</i>	FOV	<i>30.0</i>
Number of Echoes	<i>1</i>	Slice Thickness	<i>4.0</i>
TR	<i>6000.0</i>	Slice Spacing	<i>0.0</i>
Receiver Bandwidth	<i>20.83</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>512</i>
		Phase	<i>256</i>
		Freq DIR	<i>S/I</i>
		# of Acq. Before Pause	<i>0</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		USER CVS	
Auto Trigger Type	<i>Off</i>	User CV2	<i>240.00</i>
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

UROGRAM 4MM

UROGRAM 4MM

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, ZIP512, SS</i>
Plane	<i>OBLIQUE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>UROGRAM 10MM</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>180.0</i>	FOV	<i>32.0</i>
TR	<i>16000.0</i>	Slice Thickness	<i>10.0</i>
Receiver Bandwidth	<i>31.25</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>512</i>
		Phase	<i>256</i>
		Freq DIR	<i>Unswap</i>
		# of Acq. Before Pause	<i>0</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		USER CVS	
Auto Trigger Type	<i>Off</i>	User CV2	<i>240.00</i>
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	# of Acquisition	<i>0</i>
Slice Order	<i>Interleaved</i>	Seperate Series	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Phase	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Pause	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>		
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

UROGRAM 10MM

UROGRAM 10MM

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Fiesta</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>NPW, Seq, Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>2D FIESTA</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>75</i>	FOV	<i>32.0</i>
TE	<i>Min Full</i>	Slice Thickness	<i>5.0</i>
Receiver Bandwidth	<i>62.50</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>256</i>
		Freq DIR	<i>A/P</i>
		NEX	<i>2.00</i>
		# of Acq. Before Pause	<i>0</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		FMRI	
Auto Trigger Type	<i>Off</i>	PSD Trigger	<i>Internal</i>
		Slice Order	<i>Interleaved</i>
		View Order	<i>Bottom/Up</i>
		# of Repetitions REST	<i>0</i>
		# of Repetitions ACTIVE	<i>0</i>
MULTI-PHASE		SAT	
# of Acquisition	<i>0</i>	Tag Type	<i>None</i>
Seperate Series	<i>0</i>		
Mask Phase	<i>0</i>		
Mask Pause	<i>0</i>		
ASSET		TRICKS	
Slice Acceleration Factor	<i>1.00</i>	Pause On/Off	<i>On</i>
Phase Acceleration Factor	<i>1.00</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>On</i>
CONTRAST		MULTI-STATION	
Contrast Yes/No	<i>No</i>	Number of Stations	<i>0</i>
		Station Number	<i>0</i>

2D FIESTA

2D FIESTA

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>SPGR</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, ZIP512</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>2D FSPGR LIVER DUAL ECHO</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>60</i>	FOV	<i>36.0</i>
Number of Echoes	<i>2</i>	Slice Thickness	<i>8.0</i>
TR	<i>100.0</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>128</i>
		Freq DIR	<i>Unswap</i>
		NEX	<i>1.00</i>
		Phase FOV	<i>0.75</i>
		Auto Shim	<i>On</i>
		Phase Correction	<i>No</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>
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

2D FSPGR LIVER DUAL ECHO

2D FSPGR LIVER DUAL ECHO

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Fiesta</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Seq, Fast, MPH, ZIP512</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>Fiesta CINE</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>70</i>	FOV	<i>30.0</i>
TE	<i>Min Full</i>	Slice Thickness	<i>5.0</i>
Receiver Bandwidth	<i>125.00</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>224</i>
		Phase	<i>224</i>
		Freq DIR	<i>S/I</i>
		NEX	<i>1.00</i>
		Phase FOV	<i>0.80</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	<i>Off</i>	Slice per Location	<i>15</i>
		Seperate Series	<i>0</i>
		Mask Phase	<i>0</i>
		Mask Pause	<i>0</i>
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

Fiesta CINE

Fiesta CINE



Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>EPI, DIFF</i>
Plane	<i>OBLIQUE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>Ax DWI</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>Minimum</i>	FOV	<i>40.0</i>
TR	<i>1800.0</i>	Slice Thickness	<i>5.0</i>
Number of Shots	<i>1</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>200</i>
		Phase	<i>160</i>
		Freq DIR	<i>Unswap</i>
		NEX	<i>4.00</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>Yes</i>
GATING/TRIGGER		USER CVS	
Auto Trigger Type	<i>Off</i>	User CV0	<i>1.00</i>
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	# of Acquisition	<i>0</i>
Slice Order	<i>Interleaved</i>	Seperate Series	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Phase	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Pause	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>		
SAT		DIFFUSION	
Tag Type	<i>None</i>	B Value	<i>500</i>
		Optimized TE	<i>Yes</i>
		Diffusion Directions	<i>All</i>
		Number of Diffusion Directions	<i>3</i>
		Number of T2 Images	<i>1</i>
		Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
ASSET		TRICKS	
Slice Acceleration Factor	<i>1.00</i>	Pause On/Off	<i>On</i>
Phase Acceleration Factor	<i>1.00</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>
CONTRAST		MULTI-STATION	
Contrast Yes/No	<i>No</i>	Number of Stations	<i>0</i>
		Station Number	<i>0</i>

Ax DWI

Ax DWI

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, Calib</i>
Plane	<i>AXIAL</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>Cal Scan FOR R2STAR</i>		
SCAN RANGE		IMAGE ENHANCE	
FOV	<i>48.0</i>	Filter Choice	<i>None</i>
Slice Thickness	<i>9.0</i>		
Slice Spacing	<i>0.0</i>		
ACQ TIMING		GATING/TRIGGER	
Freq DIR	<i>A/P</i>	Auto Trigger Type	<i>Off</i>
Auto Shim	<i>Auto</i>		
Phase Correction	<i>No</i>		
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	# of Acquisition	<i>0</i>
Slice Order	<i>Interleaved</i>	Seperate Series	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Phase	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Pause	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>		
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</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>		
MULTI-STATION			
Number of Stations	<i>0</i>		
Station Number	<i>0</i>		

Cal Scan FOR R2STAR

Cal Scan FOR R2STAR

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Multi-Echo FGRE</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>EDR, Fast</i>
Plane	<i>AXIAL</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>R2STAR BH</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>70</i>	FOV	<i>36.0</i>
Number of Echoes	<i>8</i>	Slice Thickness	<i>4.0</i>
TR	<i>155.0</i>	Slice Spacing	<i>4.0</i>
Receiver Bandwidth	<i>125.00</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>224</i>
		Freq DIR	<i>R/L</i>
		NEX	<i>1.00</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 CV16	<i>1.00</i>
		User CV17	<i>1.00</i>
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	# of Acquisition	<i>0</i>
Slice Order	<i>Interleaved</i>	Seperate Series	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Phase	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Pause	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>		
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</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>		
MULTI-STATION		OTHERS	
Number of Stations	<i>0</i>	Protocol Notes	<i>TR range 100-200 To decrease BH time, decrease TR and increase BW to get same number of slices prescribed</i>
Station Number	<i>0</i>		

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>FC</i>
Plane	<i>OBLIQUE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>AX MPGR(BLOOD)</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>20</i>	FOV	<i>30.0</i>
TE	<i>30.0</i>	Slice Thickness	<i>6.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>1.0</i>
TR	<i>275.0</i>		
Receiver Bandwidth	<i>15.63</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>192</i>
		Freq DIR	<i>Unswap</i>
		NEX	<i>1.00</i>
		Phase FOV	<i>0.75</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		FMRI	
Auto Trigger Type	<i>Off</i>	PSD Trigger	<i>Internal</i>
		Slice Order	<i>Interleaved</i>
		View Order	<i>Bottom/Up</i>
		# of Repetitions REST	<i>0</i>
		# of Repetitions ACTIVE	<i>0</i>
MULTI-PHASE		SAT	
# of Acquisition	<i>0</i>	Tag Type	<i>None</i>
Seperate Series	<i>0</i>		
Mask Phase	<i>0</i>		
Mask Pause	<i>0</i>		
ASSET		TRICKS	
Slice Acceleration Factor	<i>1.00</i>	Pause On/Off	<i>On</i>
Phase Acceleration Factor	<i>1.00</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>
CONTRAST		MULTI-STATION	
Contrast Yes/No	<i>No</i>	Number of Stations	<i>0</i>
		Station Number	<i>0</i>

AX MPGR(BLOOD)

AX MPGR(BLOOD)

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Left Decub</i>	Pulse Sequence	<i>IR</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, SS</i>
Plane	<i>OBLIQUE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>opt. AX SNAPSHOT IR</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>Minimum</i>	FOV	<i>30.0</i>
TR	<i>Minimum</i>	Slice Thickness	<i>4.0</i>
TI	<i>1000</i>	Slice Spacing	<i>1.0</i>
Receiver Bandwidth	<i>83.33</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
		Phase	<i>192</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 CV2	<i>240.00</i>
FMRI		MULTI-PHASE	
PSD Trigger	<i>Internal</i>	# of Acquisition	<i>0</i>
Slice Order	<i>Interleaved</i>	Seperate Series	<i>0</i>
View Order	<i>Bottom/Up</i>	Mask Phase	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Pause	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>		
SAT		ASSET	
Tag Type	<i>None</i>	Slice Acceleration Factor	<i>1.00</i>
		Phase Acceleration Factor	<i>1.00</i>
TRICKS		CONTRAST	
Pause On/Off	<i>On</i>	Contrast Yes/No	<i>No</i>
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		
MULTI-STATION		OTHERS	
Number of Stations	<i>0</i>	Protocol Notes	<i>DOUBLE ACQUISITION</i>
Station Number	<i>0</i>		

opt. AX SNAPSHOT IR

opt. AX SNAPSHOT IR

Protocol: FETAL MRI

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Right Decub</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>8Ch Body FullFOV</i>	Imaging Options	<i>Fast, RealTime, ET</i>
Plane	<i>AXIAL</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>Opt. RealTime FGRET</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>12</i>	FOV	<i>45.0</i>
TE	<i>Min Full</i>	Slice Thickness	<i>16.0</i>
TR	<i>Minimum</i>	Slice Spacing	<i>0.0</i>
Echo Train Length	<i>2</i>		
Receiver Bandwidth	<i>125.00</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>128</i>
		Phase	<i>96</i>
		Freq DIR	<i>R/L</i>
		NEX	<i>1.00</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
GATING/TRIGGER		FMRI	
Auto Trigger Type	<i>Off</i>	PSD Trigger	<i>Internal</i>
		Slice Order	<i>Interleaved</i>
		View Order	<i>Bottom/Up</i>
		# of Repetitions REST	<i>0</i>
		# of Repetitions ACTIVE	<i>0</i>
MULTI-PHASE		SAT	
# of Acquisition	<i>0</i>	Tag Type	<i>None</i>
Seperate Series	<i>0</i>	Fat/Water Saturation	<i>Fat</i>
Mask Phase	<i>0</i>		
Mask Pause	<i>0</i>		
ASSET		TRICKS	
Slice Acceleration Factor	<i>1.00</i>	Pause On/Off	<i>On</i>
Phase Acceleration Factor	<i>1.00</i>	Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>
CONTRAST		MULTI-STATION	
Contrast Yes/No	<i>No</i>	Number of Stations	<i>0</i>
		Station Number	<i>0</i>

Opt. RealTime FGRET

Opt. RealTime FGRET