

Protocol: adult_pelvis_PROSTATE GEL

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	Seq, EDR, Fast, SS, ARC
Plane	3-PLANE	SCAN RANGE	
Series Description	LOC	FOV	48.0
SCAN TIMING		Slice Thickness	8.0
TE	80.0	Slice Spacing	0.0
Number of Echoes	1	ACQ TIMING	
TR	Minimum	Freq	352
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	
Slice Order	Interleaved	User CV2	240.00
View Order	Bottom/Up	MULTI-PHASE	
# of Repetitions REST	0	Seperate Series	0
# of Repetitions ACTIVE	0	Mask Phase	0
SAT		Mask Pause	0
Tag Type	None	DIFFUSION	
TRICKS		Recon All Images	On
Pause On/Off	On	CONTRAST	
Auto Subtract	0	Contrast Yes/No	No
Auto SCIC	Off		
OTHERS			
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>		

Protocol: adult_pelvis_PROSTATE GEL

Ax T1 PELVIS	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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>NPW, TRF, Fast, MRF</i>
	Plane	<i>AXIAL</i>	SCAN RANGE	
	Series Description	<i>Ax T1 PELVIS</i>	FOV	<i>38.0</i>
	SCAN TIMING		Slice Thickness	<i>6.0</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>450.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>35.71</i>	Fat Shift DIR	<i>Normal (L)</i>
	IMAGE ENHANCE		NEX	<i>2.00</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 CV7	<i>1.00</i>
	Slice Order	<i>Interleaved</i>	User CV17	<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>450.0</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>650.0</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>	
OTHERS		CONTRAST		
Protocol Notes	<i>WHOLE PELVIS</i>	Contrast Yes/No	<i>No</i>	

Ax T1 PELVIS

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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, EPI, DIFF, Asset</i>
Plane	<i>AXIAL</i>	SCAN RANGE	
Series Description	<i>Ax DWI 50/500/800</i>	FOV	<i>34.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
TE	<i>Minimum</i>	Slice Spacing	<i>1.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>4752.0</i>	Freq	<i>128</i>
Number of Shots	<i>1</i>	Phase	<i>128</i>
IMAGE ENHANCE		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	Phase FOV	<i>1.00</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
FMRI		USER CVS	
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 CV5	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV7	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV17	<i>1.00</i>
SAT		TR Min	<i>2000.0</i>
SAT Location	<i>S</i>	TR Max	<i>17000.0</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>	Optimized TE	<i>Yes</i>
		Diffusion Directions	<i>All</i>
		Number of Diffusion Directions	<i>3</i>
		Number of T2 Images	<i>0</i>
		Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Ax DWI 50/500/800

Ax DWI 50/500/800

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Sag T2 frFSE THIN	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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, FR, ARC, MRF</i>
	Plane	<i>SAGITTAL</i>	SCAN RANGE	
	Series Description	<i>Sag T2 frFSE THIN</i>	FOV	<i>22.0</i>
	SCAN TIMING		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>180</i>	Slice Spacing	<i>1.0</i>
	TE	<i>120.0</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>288</i>
	TR	<i>4185.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>23</i>	Freq DIR	<i>S/I</i>
	Receiver Bandwidth	<i>20.83</i>	Fat Shift DIR	<i>Normal (S)</i>
	IMAGE ENHANCE		NEX	<i>4.00</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 CV22	<i>1.00</i>
	View Order	<i>Bottom/Up</i>	TR Min	<i>3000.0</i>
	# of Repetitions REST	<i>0</i>	TR Max	<i>6500.0</i>
	# of Repetitions ACTIVE	<i>0</i>	MULTI-PHASE	
	SAT		Seperate Series	<i>0</i>
	SAT Location	<i>A</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>	

Sag T2 frFSE THIN

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Ax T2 frFSE THIN	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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, FR, ARC, MRF</i>
	Plane	<i>AXIAL</i>	SCAN RANGE	
	Series Description	<i>Ax T2 frFSE THIN</i>	FOV	<i>22.0</i>
	SCAN TIMING		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>180</i>	Slice Spacing	<i>1.0</i>
	TE	<i>120.0</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>320</i>
	TR	<i>4043.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>22</i>	Freq DIR	<i>R/L</i>
	Receiver Bandwidth	<i>20.83</i>	Fat Shift DIR	<i>Normal (L)</i>
	IMAGE ENHANCE		NEX	<i>4.00</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 CV22	<i>1.00</i>
	View Order	<i>Bottom/Up</i>	TR Min	<i>3000.0</i>
	# of Repetitions REST	<i>0</i>	TR Max	<i>6500.0</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>
	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>	

Ax T2 frFSE THIN

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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>HD 8Ch Body Array by GE</i>	Imaging Options	<i>FC, NPW, EDR, TRF, Fast, FR, ARC, MRF</i>
Plane	<i>CORONAL</i>	SCAN RANGE	
Series Description	<i>Cor T2 frFSE THIN</i>	FOV	<i>22.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>180</i>	Slice Spacing	<i>1.0</i>
TE	<i>120.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>6466.0</i>	Phase	<i>224</i>
Echo Train Length	<i>18</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>20.83</i>	Fat Shift DIR	<i>Normal (I)</i>
IMAGE ENHANCE		NEX	<i>4.00</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 CV22	<i>1.00</i>
View Order	<i>Bottom/Up</i>	TR Min	<i>3000.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>6500.0</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>
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 T2 frFSE THIN

Cor T2 frFSE THIN

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>LAVA</i>
Coil Configuration	<i>HD 8Ch Body Array by GE</i>	Imaging Options	<i>EDR, Fast, ZIP2, ARC, Flex</i>
Plane	<i>AXIAL</i>	IDEAL	<i>15</i>
Series Description	<i>3D Ax LAVA Flex</i>	SCAN RANGE	
SCAN TIMING		FOV	<i>38.0</i>
Flip Angle	<i>12</i>	Slice Thickness	<i>4.0</i>
TE	<i>Min Full</i>	Location per Slab	<i>80</i>
Number of Echoes	<i>2</i>	Overlap Locations	<i>0</i>
Receiver Bandwidth	<i>100.00</i>	ACQ TIMING	
IMAGE ENHANCE		Freq	<i>300</i>
Filter Choice	<i>None</i>	Phase	<i>200</i>
GATING/TRIGGER		Freq DIR	<i>R/L</i>
Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</i>
FMRI		Phase FOV	<i>0.80</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 CV6	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	MULTI-PHASE	
SAT		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Trigger Delay without AV	<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>

3D Ax LAVA Flex

3D Ax LAVA Flex