

Protocol: adult_pelvis_PROSTATAIMPRODtrial_20200709143714599_3

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>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>Seq, Fast, SS</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>3Plane Loc</i>	FOV	<i>40.0</i>
SCAN TIMING		Slice Thickness	<i>8.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>5.0</i>
TR	<i>Minimum</i>	ACQ TIMING	
Receiver Bandwidth	<i>83.33</i>	Freq	<i>320</i>
IMAGE ENHANCE		Phase	<i>160</i>
Filter Choice	<i>None</i>	Freq DIR	<i>Unswap</i>
GATING/TRIGGER		# of Acq. Before Pause	<i>0</i>
Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
FMRI		Auto Shim	<i>Auto</i>
PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
Slice Order	<i>Interleaved</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV1	<i>1.00</i>
# 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		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>

3Plane Loc

3Plane Loc

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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>SPGR</i>
Coil Configuration	<i>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>EDR, Fast, ZIP2, Calib</i>
Plane	<i>AXIAL</i>	SCAN RANGE	
Series Description	<i>Calib°</i>	FOV	<i>48.0</i>
SCAN TIMING		Slice Thickness	<i>12.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
IMAGE ENHANCE		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
GATING/TRIGGER		Phase Correction	<i>No</i>
Auto Trigger Type	<i>Off</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>
DIFFUSION		# of Repetitions ACTIVE	<i>0</i>
Recon All Images	<i>On</i>	SAT	
CONTRAST		Tag Type	<i>None</i>
Contrast Yes/No	<i>No</i>	TRICKS	
		Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>

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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>FRFSE-XL</i>
Coil Configuration	<i>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, FR, ARC</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Sag T2 FrFSE</i>	FOV	<i>20.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>80.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>5185.0</i>	Phase	<i>224</i>
Echo Train Length	<i>16</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>25.00</i>	Fat Shift DIR	<i>Normal (S)</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
GATING/TRIGGER		Phase Correction	<i>No</i>
Auto Trigger Type	<i>Off</i>	USER CVS	
FMRI		TR Min	<i>2500.0</i>
PSD Trigger	<i>Internal</i>	TR Max	<i>11000.0</i>
Slice Order	<i>Interleaved</i>	MULTI-PHASE	
View Order	<i>Bottom/Up</i>	Seperate Series	<i>0</i>
# of Repetitions REST	<i>0</i>	Mask Phase	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>	Mask Pause	<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>2</i>		

Sag T2 FrFSE

Sag T2 FrFSE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FRFSE-XL
Coil Configuration	32Ch Cardiac Array by Invivo	Imaging Options	NPW, EDR, TRF, Fast, FR
Plane	OBLIQUE	SCAN RANGE	
Series Description	Ax T2 FrFSE	FOV	20.0
SCAN TIMING		Slice Thickness	3.0
Flip Angle	160	Slice Spacing	0.0
TE	80.0	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	4470.0	Phase	224
Echo Train Length	16	Freq DIR	R/L
Receiver Bandwidth	25.00	Fat Shift DIR	Normal (L)
IMAGE ENHANCE		NEX	3.00
Filter Choice	None	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	USER CVS	
FMRI		User CV18	1.00
PSD Trigger	Internal	TR Min	2500.0
Slice Order	Interleaved	TR Max	11000.0
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	2		
OTHERS			
Protocol Notes	SUORALLA PAKALLA. EI SAA KIPATA		

Ax T2 FrFSE

Ax T2 FrFSE

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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>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>EPI, DIFF, Asset</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax DWI b500</i>	FOV	<i>25.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
TE	<i>Minimum</i>	Slice Spacing	<i>0.1</i>
TR	<i>3000.0</i>	ACQ TIMING	
Number of Shots	<i>1</i>	Freq	<i>128</i>
IMAGE ENHANCE		Phase	<i>128</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
Slice Order	<i>Interleaved</i>	User CV0	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV5	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV17	<i>1.00</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>	Optimized TE	<i>Yes</i>
Auto SCIC	<i>Off</i>	Diffusion Directions	<i>All</i>
CONTRAST		Number of Diffusion Directions	<i>3</i>
Contrast Yes/No	<i>No</i>	Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
		TRACKER	
		Tracker Length	<i>200.0</i>
		Tracker Thickness	<i>20.0</i>
		OTHERS	
		Protocol Notes	<i>MUISTA LAITTA MAX LEIKKEET</i>

Ax DWI b500

Ax DWI b500

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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>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>EPI, DIFF, Asset</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax DWI b1500</i>	FOV	<i>25.0</i>
SCAN TIMING		Slice Thickness	<i>5.0</i>
TE	<i>70.0</i>	Slice Spacing	<i>0.1</i>
TR	<i>3000.0</i>	ACQ TIMING	
Number of Shots	<i>1</i>	Freq	<i>96</i>
IMAGE ENHANCE		Phase	<i>96</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
Slice Order	<i>Interleaved</i>	User CV0	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV5	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV17	<i>1.00</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>	Optimized TE	<i>Yes</i>
Auto SCIC	<i>Off</i>	Diffusion Directions	<i>All</i>
CONTRAST		Number of Diffusion Directions	<i>3</i>
Contrast Yes/No	<i>No</i>	Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
		TRACKER	
		Tracker Length	<i>200.0</i>
		Tracker Thickness	<i>20.0</i>

Ax DWI b1500

Ax DWI b1500

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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>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>EPI, DIFF, Asset</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax DWI b2000</i>	FOV	<i>25.0</i>
SCAN TIMING		Slice Thickness	<i>5.0</i>
TE	<i>70.0</i>	Slice Spacing	<i>0.1</i>
TR	<i>3000.0</i>	ACQ TIMING	
Number of Shots	<i>1</i>	Freq	<i>96</i>
IMAGE ENHANCE		Phase	<i>96</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
Slice Order	<i>Interleaved</i>	User CV0	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV5	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV17	<i>1.00</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>	Optimized TE	<i>Yes</i>
Auto SCIC	<i>Off</i>	Diffusion Directions	<i>All</i>
CONTRAST		Number of Diffusion Directions	<i>3</i>
Contrast Yes/No	<i>No</i>	Dual Spin Echo	<i>Off</i>
		Recon All Images	<i>On</i>
		TRACKER	
		Tracker Length	<i>200.0</i>
		Tracker Thickness	<i>20.0</i>

Ax DWI b2000

Ax DWI b2000

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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>32Ch Cardiac Array by Invivo</i>	Imaging Options	<i>EDR, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>Ax LAVA</i>	FOV	<i>26.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>17</i>	Location per Slab	<i>30</i>
Number of Echoes	<i>1</i>	Overlap Locations	<i>0</i>
Receiver Bandwidth	<i>62.50</i>	ACQ TIMING	
IMAGE ENHANCE		Freq	<i>192</i>
Filter Choice	<i>None</i>	Phase	<i>160</i>
GATING/TRIGGER		Freq DIR	<i>R/L</i>
Auto Trigger Type	<i>Off</i>	NEX	<i>1.00</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 CV6	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV13	<i>1.00</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>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

Ax LAVA

Ax LAVA