i Totocoi. aut	•			
IMAGING PARAMETERS		SCAN TIMING		
Imaging Mode	2D	TE	80.0	
Pulse Sequence	Spin Echo	Number of Echoes	1	
Imaging Options	Seq, Fast, SS	TR	Minimum	
SCAN RANGE		Receiver Bandwidth	83.33	
FOV	50.0	IMAGE ENHANCE		
Slice Thickness	8.00	Filter Choice	None	
Slice Spacing	0.0	USER CVS		
Overlap Locations	0	User CV1	1.00	
ACQ TIMING		User CV2	240.00	
Freq	320	User CV13	1.00	
Phase	160	User CV Mask2	0	
Freq DIR	Unswap	MULTI-PHASE		
Freq DIR # of Acq. Before Pause Phase FOV Auto Shim Phase Correction RF Drive Mode Excitation Mode	0	Seperate Series	0	
Phase FOV	1.00	Mask Phase	0	
Auto Shim	Auto	Mask Pause	0	
Phase Correction	No	Preserve	0	
RF Drive Mode	Single			
Excitation Mode	Selective	DIFFUSION	0	
FMRI		Recon All Images	On	
PSD Trigger	Internal	# Synthetic b-values	1	
View Order	Bottom/Up	Synthetic b-value	1000.0;	
# of Repetitions REST	0	CONTRAST		
# of Repetitions ACTIVE	0	Contrast Yes/No	No	
SAT				
Tag Type	None			
TRICKS				
Pause On/Off	On			
Auto Subtract	0			
Auto SCIC	Off			

		_
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	FSE-XL
	Imaging Options	FC, EDR, TRF, Fast, FR
	SCAN RANGE	
	FOV	26.0
	Slice Thickness	3.50
	Slice Spacing	0.4
	Overlap Locations	0
	Number of Slices	40
	ACQ TIMING	
	Freq	320
	Phase	288
	Freq DIR	A/P
	Fat Shift DIR	Normal (P)
<u>rd</u>	NEX	1.00
2 a	Phase FOV	1.00
g T	Auto Shim	Auto
Sa	Phase Correction	Yes
Sag T2 ardl - Sag T2 ardl	Flow Direction Compensation	Freq
2 a	RF Drive Mode	Single
Ξĝ	Excitation Mode	Selective
Sa	FMRI	
	PSD Trigger	Internal
	Slice Order	Interleaved
	View Order	Bottom/Up
	# of Repetitions REST	0
	# of Repetitions ACTIVE	0
	SAT	
	SAT Location	S
	SAT Location	1
	Tag Type	None
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	2

SCAN TIMING	
Flip Angle	160
TE	80.0
· -	60.0 1
Number of Echoes	,
TR	4879.0
Echo Train Length	23
Receiver Bandwidth	31.25
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV12	1.00
User CV15	0
TR Min	2500.0
TR Max	5000.0
User CV30	1.00
User CV39	1.00
User CV Mask2	256
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0
DIFFUSION	
Recon All Images	On
# Synthetic b-values	1
Synthetic b-value	1000.0;
CONTRAST	
Contrast Yes/No	No

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

	1 1010001. 440	poi/10_0 111
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	FSE-XL
	Imaging Options	FC, EDR, TRF, Fast, FR, ARC
	Phase	1.40
	SCAN RANGE	
	FOV	24.0
	Slice Thickness	4.00
	Slice Spacing	0.4
	Overlap Locations	0
	Number of Slices	50
	ACQ TIMING	
	Freq	352
	Phase	288
ᅙ	Freq DIR	A/P
2 al	Fat Shift DIR	Normal (A)
Ë	NEX	1.00
3	Phase FOV	1.00
늉	Auto Shim	Auto
a	Phase Correction	Yes
AX T2 ardl - AX T2 ardl	Flow Direction Compensation	Slice
4	RF Drive Mode	Single
	Excitation Mode	Selective
	FMRI	
	PSD Trigger	Internal
	View Order	Bottom/Up
	# of Repetitions REST	0
	# of Repetitions ACTIVE	0
	SAT	
	Tag Type	None
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	2

SCAN TIMING	
Flip Angle	160
TE	80.0
Number of Echoes	1
TR	4286.0
Echo Train Length	25
Receiver Bandwidth	31.25
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV12	1.00
User CV15	0
TR Min	2500.0
TR Max	5000.0
User CV30	1.00
User CV39	1.00
User CV Mask2	256
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0
DIFFUSION	
Recon All Images	On
# Synthetic b-values	1
Synthetic b-value	1000.0;
CONTRAST	
Contrast Yes/No	No

AX T2 ardl - AX T2 ardl

IMAGING PARAMETERS		SCAN TIMING		
Imaging Mode	2D	Flip Angle	160	
Pulse Sequence	FSE-XL	TE	83.0	
Imaging Options	FC, EDR, TRF, Fast, FR	Number of Echoes	1	
	TO, EDN, TNT, Tuot, TN	TR	4871.0	
SCAN RANGE	25.0	Echo Train Length	23	
FOV Slice Thickness	25.0 4.00	Receiver Bandwidth	31.25	
Slice Spacing	0.4	IMAGE ENHANCE		
Overlap Locations	0	Filter Choice	None	
Number of Slices	40		740710	_
		USER CVS	4.00	
ACQ TIMING	252	User CV12	1.00	
Freq	352	User CV15	0	
Phase	320	TR Min	2500.0	
Freq DIR	S/I	TR Max	5000.0	
Freq DIR Fat Shift DIR NEX Phase FOV Auto Shim Phase Correction Flow Direction Compensation RF Drive Mode Excitation Mode FMRI PSD Trigger Slice Order	Normal (I)	User CV30	1.00 1.00	
NEX Phase FOV	1.00 1.00	User CV39 User CV Mask2		
Auto Shim	Auto		256	
Phase Correction	Yes	MULTI-PHASE		
Flow Direction	Freq	Seperate Series	0	
Compensation	7709	Mask Phase	0	
RF Drive Mode	Single	Mask Pause	0	
Excitation Mode	Selective	Preserve	0	
FMRI		DIFFUSION		_
PSD Trigger	Internal	Recon All Images	On	
Slice Order	Interleaved	# Synthetic b-values	1	
View Order	Bottom/Up	Synthetic b-value	1000.0;	
# of Repetitions REST	0	CONTRAST		
# of Repetitions ACTIVE	0	Contrast Yes/No	No	
SAT				
Tag Type	None			
TRICKS				
Pause On/Off	On			
Auto Subtract	0			
Auto SCIC	2			

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

	1 1010001. 440	iit_peivis_G i iv-ocieei
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	FSE-XL
	Imaging Options	FC, EDR, TRF, Fast, ARC
	Phase	1.50
	SCAN RANGE	
	FOV	24.0
	Slice Thickness	4.00
	Slice Spacing	0.4
	Overlap Locations	0
	Number of Slices	50
	ACQ TIMING	
	Freq	320
	Phase	256
౼	Freq DIR	A/P
ar	Fat Shift DIR	Normal (A)
SE	NEX	1.00
1 F	Phase FOV	1.00
×	Auto Shim	Auto
Ä	Phase Correction	Yes
Ax T1 FSE ardl - Ax T1 FSE ardl	Flow Direction Compensation	Slice
щ	RF Drive Mode	Single
8	Excitation Mode	Selective
Ţ	FMRI	
Ã	PSD Trigger	Internal
	View Order	Bottom/Up
	# of Repetitions REST	0
	# of Repetitions ACTIVE	0
	SAT	
	SAT Location	S
	SAT Location	1
	Tag Type	None
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	2

SCAN TIMING	
Flip Angle	160
TE	Min Full
Number of Echoes	1
TR	598.0
Echo Train Length	4
Receiver Bandwidth	31.25
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV12	1.00
TR Min	300.0
TR Max	695.0
User CV30	1.00
User CV39	1.00
User CV Mask2	256
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0
DIFFUSION	
Recon All Images	On
# Synthetic b-values	1
Synthetic b-value	1000.0;
CONTRAST	
Contrast Yes/No	No

Ax T1 FSE ardl - Ax T1 FSE ardl

			January Politic 2020 arai		
	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	TE	Minimum	
	Pulse Sequence	Spin Echo	Number of Echoes	1	
	Imaging Options	EDR, EPI, DIFF, Asset	TR	7139.0	
	Phase	2.00	Number of Shots	1	
	SCAN RANGE		IMAGE ENHANCE		
	FOV	38.0	Filter Choice	None	
	Slice Thickness	4.50	USER CVS		
	Slice Spacing	0.0	User CV0	1.00	
	Overlap Locations	0	User CV5	1.00	
	Number of Slices	40	TR Min	2000.0	
	ACQ TIMING		TR Max	17000.0	
=	Freq	128	User CV39	1.00	=
arc	Phase	138	User CV Mask2	0	arc
B800 ardl	Freq DIR	R/L	MULTI-PHASE		B800 ardl
	Phase FOV	1.00	Seperate Series	0	8
\mathbb{R}	Auto Shim	Auto	Mask Phase	0	\geq
Ď	Phase Correction	Yes	Mask Pause	0	
- F	RF Drive Mode	Single	Preserve	0	Ę.
B800 ardl - Ax DWI	Excitation Mode	Selective	DIFFUSION		B800 ardl - Ax DWI
0 a	FMRI		Optimized TE	Yes	0 a
380	PSD Trigger	Internal	Diffusion Directions	All	380
	View Order	Bottom/Up	Number of Diffusion	3	
\leq	# of Repetitions REST	0	Directions		
Ax DWI	# of Repetitions ACTIVE	0	Number of T2 Images	1	Ax DWI
_	SAT		Dual Spin Echo	Off	
	Tag Type	None	Recon All Images	On	
			Multi b-values	800.0;	
	TRICKS	00	Multi NEX Values	6.0;	
	Pause On/Off Auto Subtract	On O	NEX For T2	1.00	
	Auto Subtract Auto SCIC	Off	Real Time Field Adjustment	1	
			# Synthetic b-values	0	
			CONTRAST		
			Contrast Yes/No	No	

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	3D	Flip Angle	12	
	Pulse Sequence	LAVA	TE	Min Full	
	Imaging Options	EDR, Fast, ARC, Flex	Number of Echoes	2	
	IDEAL	7	Receiver Bandwidth	83.33	
	Phase	2.00	IMAGE ENHANCE		
	Slice	1.00	Filter Choice	Α	
	SCAN RANGE		USER CVS		
	FOV	40.0	User CV30	1.00	
	Slice Thickness	2.50	User CV Mask2	0	
	Location per Slab	104	MULTI-PHASE		1
	Overlap Locations	0	Seperate Series	0	-
	Number of Slices	1	Trigger Delay without AV	0	
	ACQ TIMING		Mask Phase	0	
<u>ě</u>	Freq	288	Mask Pause	0	<u>ě</u>
A-F	Phase	224	Preserve	0	Ą-
A	Freq DIR	A/P	DIFFUSION		∎ ≷
Ax LAVA-Flex - Ax LAVA-Flex	NEX	2.00	Number of Diffusion	0	
٠ ٨	Phase FOV	1.00	Directions	O	Ax LAVA-Flex - Ax LAVA-Flex
ex	Auto Shim	Auto	Dual Spin Echo	Off	ě
<u> </u>	Phase Correction	No Singula	Diffusion Tenser	No Selection	Ę.
*	RF Drive Mode Excitation Mode	Single Selective	Processing Output	On	\downarrow
Ž		Selective	Recon All Images Multi b-values	On 1000.0;	Ĵ
\(\frac{2}{3}\)	FMRI		Multi NEX Values	1.0;	â
	PSD Trigger	Internal	# Synthetic b-values	1.0,	
	Slice Order	Interleaved	Synthetic b-value	1000.0;	
	View Order	Bottom/Up			1
	# of Repetitions REST # of Repetitions ACTIVE	0	CONTRAST Contrast Yes/No	No	
		U	Contrast res/No	NO	
	SAT	••			
	Tag Type	None			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	Off			

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

		<u> </u>
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Spin Echo
	Imaging Options	EDR, Fast, SS, ARC
	SCAN RANGE	
	FOV	34.0
	Slice Thickness	10.0
	Slice Spacing	5.0
	Number of Slices	19
*	ACQ TIMING	
) Ju	Freq	320
ırre	Phase	160
ıoə.	Freq DIR	R/L
l pt	NEX	1.0
r/ar	# of Acq. Before Pause	0
g o	Phase FOV	0.80
gin	Auto Shim	Auto
Sta	Phase Correction	No
Ser	USER CVS	
anc	User CV1	1.0
r C	User CV2	240.00
y fc	MULTI-PHASE	
Onl	Seperate Series	0
*	Mask Phase	0
*	Mask Pause	0
ence	DIFFUSION	
nrr	Recon All Images	On
rec	Multi b-values	1000.0;
pu	Multi NEX Values	1;
or/a	CONTRAST	
aging or/and recurrence** - **Only for Cancer Staging or/and recurrence**	Contrast Yes/No	No
ϫ		

SCAN TIMING	
TE	88.0
Number of Echoes	1
TR	Minimum
Receiver Bandwidth	62.50
IMAGE ENHANCE	
Filter Choice	None
GATING/TRIGGER	
Auto Trigger Type	Off
FMRI	
PSD Trigger	Internal
Slice Order	Interleaved
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0
SAT	
Tag Type	None
TRICKS	
Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

Only for Cancer Staging or/and recurrence - **Only for Cancer Staging or/and recurrence**

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

	1 1010001. 440	poi/10_0 111
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Spin Echo
	Imaging Options	, EDR, Fast, SS
	SCAN RANGE	,,
	FOV	38.0
	Slice Thickness	6.00
	Slice Spacing	0.00
	Overlap Locations	0.0
	Number of Slices	60
	Number of Silces	00
	ACQ TIMING	
	Freq	320
	Phase	224
=	Freq DIR	R/L
arc	NEX	1.00
00	# of Acq. Before Pause	18
\B[Phase FOV	0.80
.5	Auto Shim	Auto
ΧT	Phase Correction	No
- A	RF Drive Mode	Single
AX T2 ABDO ardl - AX T2 ABDO ardl	Excitation Mode	Selective
0 9	FMRI	
ВD	PSD Trigger	Internal
2 A	Slice Order	Interleaved
Ή)	View Order	Bottom/Up
Α)	# of Repetitions REST	0
	# of Repetitions ACTIVE	0
	SAT	
	Tag Type	None
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	3
	OTHERS	
	Protocol Notes	Only for Cancer staging or/and recurrence

SCAN TIMING	
TE	88.0
Number of Echoes	1
TR	Minimum
Receiver Bandwidth	62.50
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV1	1.00
User CV2	240.00
User CV13	1.00
User CV39	1.00
User CV Mask2	256
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0
DIFFUSION	
Number of Diffusion Directions	0
Dual Spin Echo	Off
Diffusion Tenser Processing Output	No Selection
Recon All Images	On
Multi b-values	1000.0;
Multi NEX Values	1.0;
# Synthetic b-values	1
Synthetic b-value	1000.0;
CONTRAST	
Contrast Yes/No	No

AX T2 ABDO ardl - AX T2 ABDO ardl

	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Spin Echo
	Imaging Options	Seq, TRF, Fast, SS
	IDEAL	3
	SCAN RANGE	
	FOV	40.0
	Slice Thickness	8.0
	Slice Spacing	5.0
	Number of Slices	15
	ACQ TIMING	
	Freq	320
	Phase	160
	Freq DIR	Unswap
-uc	# of Acq. Before Pause	0
ptic	Phase FOV	1.00
0	Auto Shim	Auto
	Phase Correction	No
-uc	RF Drive Mode	Quadrature
optionoption	Excitation Mode	Selective
)	USER CVS	
	User CV Mask2	0
	MULTI-PHASE	
	Seperate Series	0
	Mask Phase	0
	Mask Pause	0
	Preserve	0
	DIFFUSION	
	Recon All Images	On
	# Synthetic b-values	1
	Synthetic b-value	1000.0;
	CONTRAST	
	Contrast Yes/No	No

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SCAN TIMING		
TE	80.0	
Number of Echoes	1	
TR	Minimum	
Receiver Bandwidth	83.33	
IMAGE ENHANCE		
Filter Choice	None	
GATING/TRIGGER		
Auto Trigger Type	Off	
FMRI		
PSD Trigger	Internal	
Slice Order	Interleaved	
View Order	Bottom/Up	
# of Repetitions REST	0	
# of Repetitions ACTIVE	0	
SAT		
Tag Type	None	
TRICKS		
Pause On/Off	On	
Auto Subtract	0	
Auto SCIC	Off	

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

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	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Spin Echo
	Imaging Options	EDR, EPI, DIFF, Asset
	PSD Name	/usr/g/research/MUSE/epi2
	Phase	2.00
		2.00
	SCAN RANGE	
	FOV	38.0
	Slice Thickness	4.5
	Slice Spacing	0.5
	Number of Slices	42
	ACQ TIMING	
	Freq	138
	Phase	142
	Freq DIR	R/L
	Phase FOV	0.80
	Auto Shim	Auto
	Phase Correction	Yes
	RF Drive Mode	Single
	Excitation Mode	Selective
В	USER CVS	
SN	User CV0	1.00
I M	User CV5	1.00
ЕР	User CV17	1.00
M	TR Min	2000.0
×	TR Max	17000.0
- A	User CV39	1.00
ш	User CV Mask2	256
Ax DW EPI MUSE - Ax DW EPI MUSE		200
M	MULTI-PHASE	0
EPI	Seperate Series	0
M	Mask Phase	0
ΚD	Mask Pause	0
Ą	Preserve	0
	DIFFUSION	
	Optimized TE	Yes
	Diffusion Directions	All
	Number of Diffusion Directions	3
	Number of T2 Images	1
	Dual Spin Echo	Off
	Recon All Images	On
	Multi b-values	800.0;
	Multi NEX Values	6;
	NEX For T2	2.00
	Real Time Field Adjustment	1
	# Synthetic b-values	2
	Synthetic b-value	1000.0;1500.0;
	CONTRAST	
	Contrast Yes/No	Yes
		700

SCAN TIMING	
TE	Minimum
Number of Echoes	1
TR	6557.0
Number of Shots	2
IMAGE ENHANCE	
Filter Choice	None
GATING/TRIGGER	
Auto Trigger Type	Off
FMRI	
PSD Trigger	Internal
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0
SAT	
Tag Type	None
TRICKS	
Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

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Ax DW EPI MUSE - Ax DW EPI MUSE

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	IMAGING PARAMETERS	
	Imaging Mode	3D
	Pulse Sequence	Cube
	Imaging Options	FC, EDR, Fast, FR, ARC
	Phase	1.20
	Slice	1.00
	SCAN RANGE	
	FOV	28.0
	Slice Thickness	1.0
	Location per Slab	128
	Overlap Locations	0
	Number of Slices	1
	ACQ TIMING	
	Freq	288
4	Phase	288
əqr	Freq DIR	S/I
Ö	NEX	1.00
T2	Phase FOV	0.90
Sag	Auto Shim	Auto
G	Phase Correction	No
3D Sag T2 Cube - 3D Sag T2 Cube	Flow Direction Compensation	Freq
Suk	RF Drive Mode	Single
T2 (Excitation Mode	Focus
ag .	USER CVS	
S O	User CV30	1.00
3	User CV Mask2	0
	MULTI-PHASE	
	Seperate Series	0
	Mask Phase	0
	Mask Pause	0
	Preserve	0
	DIFFUSION	
	Recon All Images	On
	# Synthetic b-values	1
	Synthetic b-value	1000.0;
	CONTRAST	
	Contrast Yes/No	No

SCAN TIMING		
TE	80.0	
Number of Echoes	1	
TR	1500.0	
Echo Train Length	110	
Receiver Bandwidth	62.50	
IMAGE ENHANCE		
Filter Choice	В	
GATING/TRIGGER		
Auto Trigger Type	Off	
FMRI		
PSD Trigger	Internal	
View Order	Bottom/Up	
# of Repetitions REST	0	
# of Repetitions ACTIVE	0	9e
SAT		Col
SAT Location	Α	T2
Tag Type	None	ag
TRICKS		3D Sag T2 Cube - 3D Sag T2 Cube
Pause On/Off	On	. 3
Auto Subtract	0	ape
Auto SCIC	2	ರ
		T2
		ag
		S
		3