

McLeod Pavilion

Protocol: adult_head_TMJ

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	48Ch Head Coil	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC
Plane	3-PLANE	SCAN RANGE	
Series Description	3-Plane Localizer	FOV	30.0
SCAN TIMING		Slice Thickness	10.0
TE	80.0	Slice Spacing	5.0
Number of Echoes	1	ACQ TIMING	
TR	1200.0	Freq	256
Receiver Bandwidth	83.33	Phase	128
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	
View Order	Bottom/Up	User CV1	1.00
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Seperate Series	0
SAT		Mask Phase	0
Tag Type	None	Mask Pause	0
TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No

3-Plane Localizer

3-Plane Localizer

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Ax T2 FSE BIL	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	48Ch Head Coil	Imaging Options	FC, NPW, EDR, TRF, Fast, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Ax T2 FSE BIL	FOV	24.0
	SCAN TIMING		Slice Thickness	3.0
	Flip Angle	142	Slice Spacing	0.5
	TE	102.0	ACQ TIMING	
	Number of Echoes	1	Freq	300
	TR	4298.0	Phase	160
	Echo Train Length	22	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	G	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	No
	Auto Trigger Type	Off	Flow Direction Compensation	Slice
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV18	1.00
	View Order	Bottom/Up	User CV22	1.00
	# of Repetitions REST	0	TR Min	2500.0
	# of Repetitions ACTIVE	0	TR Max	11000.0
	SAT		MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0	
Auto Subtract	0	DIFFUSION		
Auto SCIC	2	Recon All Images	On	
		CONTRAST		
		Contrast Yes/No	No	

Ax T2 FSE BIL

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	EDR, TRF, Fast
Plane	OBLIQUE	SCAN RANGE	
Series Description	COR T1 FSE BIL CLOSED	FOV	24.0
SCAN TIMING		Slice Thickness	3.0
Flip Angle	111	Slice Spacing	0.5
TE	11.0	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	750.0	Phase	192
Echo Train Length	5	Freq DIR	A/P
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
IMAGE ENHANCE		NEX	1.00
Filter Choice	G	# of Acq. Before Pause	0
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
FMRI		Phase Correction	Yes
PSD Trigger	Internal	USER CVS	
Slice Order	Interleaved	User CV16	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	750.0
# of Repetitions ACTIVE	0	TR Max	950.0
SAT		MULTI-PHASE	
SAT Location	I	Seperate Series	0
Tag Type	None	Mask Phase	0
TRICKS		Mask Pause	0
Pause On/Off	On	DIFFUSION	
Auto Subtract	0	Recon All Images	On
Auto SCIC	2	CONTRAST	
		Contrast Yes/No	No

COR T1 FSE BIL CLOSED

COR T1 FSE BIL CLOSED

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	FC, NPW, EDR, TRF, Fast, ARC
Plane	OBLIQUE		
Series Description	SAG T2 FSE LT CLOSED		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	12.0
TE	102.0	Slice Thickness	2.0
Number of Echoes	1	Slice Spacing	0.0
TR	3645.0		
Echo Train Length	22	ACQ TIMING	
Receiver Bandwidth	41.67	Freq	300
		Phase	224
		Freq DIR	R/L
		Fat Shift DIR	Normal (L)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Slice
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV18	1.00
		User CV22	1.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# 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		

SAG T2 FSE LT CLOSED

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	FC, NPW, EDR, TRF, Fast, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG T2 FSE RT CLOSED	FOV	12.0
SCAN TIMING		Slice Thickness	2.0
Flip Angle	142	Slice Spacing	0.0
TE	102.0	ACQ TIMING	
Number of Echoes	1	Freq	300
TR	3645.0	Phase	224
Echo Train Length	22	Freq DIR	R/L
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (L)
IMAGE ENHANCE		NEX	2.00
Filter Choice	G	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	Flow Direction	Slice
FMRI		Compensation	
PSD Trigger	Internal	USER CVS	
View Order	Bottom/Up	User CV18	1.00
# of Repetitions REST	0	User CV22	1.00
# of Repetitions ACTIVE	0	TR Min	2500.0
SAT		TR Max	11000.0
Tag Type	None	MULTI-PHASE	
TRICKS		Seperate Series	0
Pause On/Off	On	Mask Phase	0
Auto Subtract	0	Mask Pause	0
Auto SCIC	2	DIFFUSION	
		Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG T2 FSE RT CLOSED

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	FC, NPW, EDR, TRF, Fast, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG T2 FSE LT OPEN	FOV	12.0
SCAN TIMING		Slice Thickness	2.0
Flip Angle	142	Slice Spacing	0.0
TE	102.0	ACQ TIMING	
Number of Echoes	1	Freq	300
TR	3645.0	Phase	224
Echo Train Length	22	Freq DIR	R/L
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (L)
IMAGE ENHANCE		NEX	2.00
Filter Choice	G	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	Flow Direction Compensation	Slice
FMRI		USER CVS	
PSD Trigger	Internal	User CV18	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	2500.0
# of Repetitions ACTIVE	0	TR Max	11000.0
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG T2 FSE LT OPEN

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	FC, NPW, EDR, TRF, Fast, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG T2 FSE RT OPEN	FOV	12.0
SCAN TIMING		Slice Thickness	2.0
Flip Angle	142	Slice Spacing	0.0
TE	102.0	ACQ TIMING	
Number of Echoes	1	Freq	300
TR	3645.0	Phase	224
Echo Train Length	22	Freq DIR	R/L
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (L)
IMAGE ENHANCE		NEX	2.00
Filter Choice	G	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	Flow Direction Compensation	Slice
FMRI		USER CVS	
PSD Trigger	Internal	User CV18	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	2500.0
# of Repetitions ACTIVE	0	TR Max	11000.0
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG T2 FSE RT OPEN

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE		
Series Description	SAG PD LT CLOSED		
SCAN TIMING		SCAN RANGE	
Flip Angle	111	FOV	12.0
TE	30.0	Slice Thickness	2.0
Number of Echoes	1	Slice Spacing	0.0
TR	1828.0		
Echo Train Length	8	ACQ TIMING	
Receiver Bandwidth	31.25	Freq	320
		Phase	192
		Freq DIR	S/I
		Fat Shift DIR	Normal (S)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	Yes
IMAGE ENHANCE		USER CVS	
Filter Choice	A	User CV8	1.00
		User CV21	1.00
		User CV22	1.00
		TR Min	1800.0
		TR Max	6000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
Tag Type	None	Contrast Yes/No	No
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

SAG PD LT CLOSED

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG PD RT CLOSED	FOV	12.0
SCAN TIMING		Slice Thickness	2.0
Flip Angle	111	Slice Spacing	0.0
TE	30.0	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	1828.0	Phase	192
Echo Train Length	8	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)
IMAGE ENHANCE		NEX	2.00
Filter Choice	A	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	Yes
Auto Trigger Type	Off	USER CVS	
FMRI		User CV8	1.00
PSD Trigger	Internal	User CV21	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	1800.0
# of Repetitions ACTIVE	0	TR Max	6000.0
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG PD RT CLOSED

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Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE		
Series Description	SAG PD LT OPEN		
SCAN TIMING		SCAN RANGE	
Flip Angle	111	FOV	12.0
TE	30.0	Slice Thickness	2.0
Number of Echoes	1	Slice Spacing	0.0
TR	1828.0		
Echo Train Length	8	ACQ TIMING	
Receiver Bandwidth	31.25	Freq	320
		Phase	192
		Freq DIR	S/I
		Fat Shift DIR	Normal (S)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	Yes
IMAGE ENHANCE		USER CVS	
Filter Choice	A	User CV8	1.00
		User CV21	1.00
		User CV22	1.00
		TR Min	1800.0
		TR Max	6000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
Tag Type	None	Contrast Yes/No	No
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

SAG PD LT OPEN

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	48Ch Head Coil	Imaging Options	NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE		
Series Description	SAG PD RT OPEN		
SCAN TIMING		SCAN RANGE	
Flip Angle	111	FOV	12.0
TE	30.0	Slice Thickness	2.0
Number of Echoes	1	Slice Spacing	0.0
TR	1828.0		
Echo Train Length	8	ACQ TIMING	
Receiver Bandwidth	31.25	Freq	320
		Phase	192
		Freq DIR	S/I
		Fat Shift DIR	Normal (S)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	Yes
IMAGE ENHANCE		USER CVS	
Filter Choice	A	User CV8	1.00
		User CV21	1.00
		User CV22	1.00
		TR Min	1800.0
		TR Max	6000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
Tag Type	None	Contrast Yes/No	No
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

SAG PD RT OPEN

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