

Protocol: STN PREOP DBS

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	Gradient Echo
Plane	3-PLANE	Imaging Options	Seq, Fast
Series Description	3 PLANE LOC	Acceleration Factor	1.00
SCAN RANGE		IMAGE ENHANCE	
FOV	30.0	Filter Choice	None
Slice Thickness	5.0		
Slice Spacing	2.5		
ACQ TIMING		GATING/TRIGGER	
Freq	256	Auto Trigger Type	Off
Phase	128		
Freq DIR	Unswap		
NEX	1.00		
Phase FOV	1.00		
Auto Shim	Auto		
Phase Correction	No		
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

3 PLANE LOC

3 PLANE LOC

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	Spin Echo
Plane	AXIAL	Imaging Options	EPI, DIFF
Series Description	Diffusion	PSD Name	epi2
SCAN TIMING		SCAN RANGE	
TE	Minimum	FOV	24.0
TR	10000.0	Slice Thickness	5.0
Number of Shots	1	Slice Spacing	0.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	128
		Phase	192
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1.00
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
DIFFUSION		TRICKS	
B Value	1000	Pause On/Off	On
Optimized TE	Yes	Auto Subtract	0
Diffusion Directions	All	Auto SCIC	Off
Number of Diffusion Directions	6		
Number of T2 Images	1		
Dual Spin Echo	Off		
Recon All Images	On		
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

Diffusion

Diffusion

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	3D
Coil Configuration	HEAD	Pulse Sequence	SPGR
Plane	AXIAL	Imaging Options	EDR, Fast, IrP
Series Description	AX 3D STEALTH	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
Flip Angle	20	FOV	26.0
TE	Min Full	Slice Thickness	1.4
TI	300	Location per Slab	128
Receiver Bandwidth	22.73	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	256
		Freq DIR	A/P
		NEX	1.00
		Phase FOV	0.90
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV6	1.00
		User CV23	100.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		ASSET	
Tag Type	None	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		OTHERS	
Number of Stations	0	Protocol Notes	MAX 1.5 THICK
Station Number	0		

AX 3D STEALTH

AX 3D STEALTH

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	FRFSE-XL
Plane	OBLIQUE	Imaging Options	FC, TRF, Fast, FR
Series Description	AX T2 FSE	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	110.0	FOV	26.0
Number of Echoes	1	Slice Thickness	1.5
TR	2800.0	Slice Spacing	0.0
Echo Train Length	11		
Receiver Bandwidth	20.83		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	224
		Freq DIR	Unswap
		NEX	4.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction	Slice
		Compensation	
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		Slice Order	Interleaved
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
# of Acquisition	0	Tag Type	None
Seperate Series	0		
Mask Phase	0		
Mask Pause	0		
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

AX T2 FSE

AX T2 FSE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	FRFSE-XL
Plane	OBLIQUE	Imaging Options	FC, TRF, Fast, FR
Series Description	AX PD FSE	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	Min Full	FOV	26.0
Number of Echoes	1	Slice Thickness	1.5
TR	2800.0	Slice Spacing	0.0
Echo Train Length	11		
Receiver Bandwidth	20.83		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	224
		Freq DIR	Unswap
		NEX	4.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction	Slice
		Compensation	
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		Slice Order	Interleaved
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
# of Acquisition	0	Tag Type	None
Seperate Series	0		
Mask Phase	0		
Mask Pause	0		
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

AX PD FSE

AX PD FSE

Protocol: STN PREOP DBS

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	3D
Coil Configuration	HEAD	Pulse Sequence	SPGR
Plane	AXIAL	Imaging Options	EDR, Fast, IrP
Series Description	AX 3D-FSPGR+IR		
SCAN TIMING		SCAN RANGE	
Flip Angle	10	FOV	22.0
TE	Minimum	Slice Thickness	2.0
TI	500	Location per Slab	64
Receiver Bandwidth	15.63	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	224
		Freq DIR	A/P
		NEX	1.00
		Phase FOV	0.75
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV23	100.00
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
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		

AX 3D-FSPGR+IR

AX 3D-FSPGR+IR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	Gradient Echo
Plane	AXIAL	Imaging Options	FC
Series Description	OPTION AX MPGR		
SCAN TIMING		SCAN RANGE	
Flip Angle	20	FOV	22.0
TE	20.0	Slice Thickness	5.0
Number of Echoes	1	Slice Spacing	1.0
TR	600.0		
Receiver Bandwidth	15.63		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	192
		Freq DIR	A/P
		NEX	2.00
		Phase FOV	0.75
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
SAT		TRICKS	
Tag Type	None	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

OPTION AX MPGR

OPTION AX MPGR

Protocol: STN PREOP DBS

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	3D
Coil Configuration	HEAD	Pulse Sequence	Cube T2
Plane	SAGITTAL	Imaging Options	FC, EDR, Fast, ZIP512, ZIP2, FR
Series Description	OPTION SAG T2 CUBE	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TR	3000.0	FOV	24.0
Echo Train Length	100	Slice Thickness	1.4
Receiver Bandwidth	62.50	Location per Slab	128
		Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	288
		Phase	288
		Freq DIR	S/I
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction	Freq
		Compensation	
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		Slice Order	Interleaved
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
# of Acquisition	0	Tag Type	None
Seperate Series	0		
Mask Phase	0		
Mask Pause	0		
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

OPTION SAG T2 CUBE

OPTION SAG T2 CUBE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	FRFSE-XL
Plane	OBLIQUE	Imaging Options	FC, TRF, Fast, FR
Series Description	OPTION COR T2 FSE		
SCAN TIMING		SCAN RANGE	
TE	110.0	FOV	26.0
Number of Echoes	1	Slice Thickness	1.5
TR	2800.0	Slice Spacing	0.0
Echo Train Length	11		
Receiver Bandwidth	20.83		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	224
		Freq DIR	Unswap
		NEX	4.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction	Freq
		Compensation	
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
SAT		TRICKS	
Tag Type	None	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

OPTION COR T2 FSE

OPTION COR T2 FSE

Protocol: STN PREOP DBS

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	WHOLE
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	HEAD	Pulse Sequence	Spin Echo
Plane	SAGITTAL	Imaging Options	None
Series Description	OPTION SAG LOC	Acceleration Factor	1.00
SCAN TIMING		SCAN RANGE	
TE	Minimum	FOV	30.0
Number of Echoes	1	Slice Thickness	5.0
TR	400.0	Slice Spacing	1.0
Receiver Bandwidth	20.83		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	128
		Freq DIR	S/I
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		Slice Order	Interleaved
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
# of Acquisition	0	Tag Type	None
Seperate Series	0		
Mask Phase	0		
Mask Pause	0		
ASSET		TRICKS	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		MULTI-STATION	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

OPTION SAG LOC

OPTION SAG LOC