University Health™	**Policy #: Rad Proc 14. 14. 23**
SUBJECT: BRACHIAL PLEXUS	**Effective: 10/1/2013** **Reviewed: 2/2015: 2/2017**
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Purpose: To provide MRI staff with approved protocol for performing Brachial plexus MR.

EXAM: BRACHIAL PLEXUS **ORIENTATION: HEAD FIRST/SUPINE** **COIL: HNS NV FULL**

PLANE	3 PLN LOC	COR T1	COR T2	COR T2 FS	SAG T1	SAG T2 FS	AX T2	COR T1 FS	COR T1 FS C+	AX T1 FS C+
SEQ	GRE	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL
MODE	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST	FC/NPW/ EDR/TRF/FAST
TE		MIN FULL	90 ms +	90 ms +	MIN FULL	90 ms +	90 ms +	MIN FULL	MIN FULL	MIN FULL
TR		400-600 ms	3800 ms+	3800 ms+	400-600 ms	3800 ms+	3800 ms+	400-600 ms	400-600 ms	400-600 ms
TI										
FLIP ANGLE										
ETL		3	12-18	12-18	3	12-18	12-18	3	3	3
BW		15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63
FOV	25	26	26	26	26	26	26	26	26	26
SLICE THICKNESS	5	4	4	4	4	4	4	4	4	4
SLICE SPACING	5	1	1	1	1	1	1	1	1	1
Frequency	256	320	320	320	320	320	320	320	320	320
Phase	128	224	224	224	224	224	224	224	224	224
NEX	1	3	3	3	3	3	3	3	3	3
PHASE FOV	1									
FREQ DIR	UNSWAP	S/I	S/I	S/I	S/I	S/I	A/P	S/I	S/I	A/P
FLOW COMP DIR		FREQ	FREQ	FREQ	FREQ	FREQ	FREQ	FREQ	FREQ	FREQ
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON

Note: Additional sequences may be requested at the discretion of the Radiologist monitoring the exam.