

 University Health™	Policy #: Rad Proc 14. 14. 14
SUBJECT: TMJ's	Effective: 10/1/2013 Reviewed: 2/2015: 2/2017
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Purpose: To provide MRI staff with approved protocol for performing TMJ's MR.

ORIENTATION: HEAD FIRST/SUPINE

Coil: DUAL

EXAM: TMJ's

PLANE	AX LOC	COR T2 LT	COR T2 RT	COR T1 LT	COR T1 RT	SAG PD/T2	SAG T1 CLOSED/OPEN
SEQ	FSPGR	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL	FSE XL
MODE	2D	2D	2D	2D	2D	2D	2D
IMAGING OPTIONS	FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST
TE	MIN	90 ms+	90 ms+	MIN FULL	MIN FULL	MIN FULL	MIN FULL
TR	34	3800 ms +	3800 ms +	400-600 ms	400-600 ms	1800-2600 ms	400-600 ms
TI							
FLIP ANGLE	30						
ETL		12-18	12-18	2	2	6	2
BW	31.25	15.63	15.63	15.63	15.63	15.63	15.63
FOV	24	10	10	10	10	10	10
SLICE THICKNESS	4	3	3	3	3	3	3
SLICE SPACING	1	0.1	0.1	0.1	0.1	0.1	0.1
Frequency	256	256	256	256	256	256	256
Phase	128	192	192	192	192	192	192
NEX	2	2	2	2	2	2	2
PHASE FOV							
FREQ DIR	R/L	UNSWAP	UNSWAP	UNSWAP	UNSWAP	UNSWAP	UNSWAP
FLOW COMP DIR		FREQ	FREQ	FREQ	FREQ	FREQ	FREQ
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	ON	ON	ON	ON	ON	ON

Use Multihance if sedated for this exam, Use 0.2 mL/kg body weight for age 2 and older per Dr. Gonzalez Toledo ; under age 2 consult Radiologist

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