

 University Health™	Policy #: Rad Proc 14. 14. 9
SUBJECT: SPECTROSCOPY	Effective: 10/1/2013 Reviewed: 2/2015: 2/2017
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Purpose: To provide MRI staff with approved protocol for performing an Spectroscopy brain.

ORIENTATION: HEAD FIRST/SUPINE

COIL: HNS HEAD/STANDARD HEAD

EXAM: **SPECTROSCOPY**

PLANE	3 PLN LOC	CALIBRATION	AX T2 FLAIR	PROBE-SV 35
SEQ	GRE	GRE	T2 FLAIR	PROBE P
MODE	2D	2D	2D	MRS
IMAGING OPTIONS	SEQ/FAST	FAST/CALIB	TRF/FAST	EDR
TE			120 ms	35 ms
TR			9500 ms	1500 ms
TI			2500 ms	
FLIP ANGLE				
ETL				
BW			31.25	
FOV	30	30	22	24
SLICE THICKNESS	10	6	5	20
SLICE SPACING	5	0	1	
Frequency	256		352	1
Phase	128		224	1
NEX	1		1	8
PHASE FOV	1			
FREQ DIR	UNSWAP	R/L	A/P	UNSWAP
FLOW COMP DIR				
SHIM	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	OFF	OFF

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

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