 University Health™	Policy #: Rad Proc 14. 14. 11
SUBJECT: Sella	Effective: 10/1/2013 Reviewed: 2/2015: 2/2017
APPROVED BY: Eduardo Gonzalez-Toledo, MD PhD	Page 1 of 2

Purpose: To provide MRI staff with approved protocol for performing a Sella MR.

EXAM: SELLA


ORIENTATION: HEAD FIRST/SUPINE

Coil: HNS HEAD/STANDARD HEAD

PLANE	3 PLN LOC	CALIBRATION	AX DWI ASSET	COR FIESTA-C	COR T1	COR DYNAMIC	COR T1 C+	SAG T1 C+
SEQ	GRE	GRE	SE	FIESTA-C	FSE XL	FSE XL	FSE XL	FSE XL
MODE	2D	2D	2D	3D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAS T	FAST/CALIB	EPI/DIFF/ASSET	FAST/ZIP2	FC/NPW/EDR/FAST	EDR/TRF/FAST/ZIP512/MPhVar	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST
TE			MIN	MIN FULL	MIN FULL	MIN FULL	MIN FULL	MIN FULL
TR			6000 ms		400-600 ms	400-600 ms	400-600 ms	400-600 ms
TI								
FLIP ANGLE				45				
ETL					2	6	2	2
BW				62.50	15.63	31.25	15.63	15.63
FOV	24	30	28	24	22	18	22	22
SLICE THICKNESS	10	6	5	2	2	2.5	2	2
SLICE SPACING	5	0	1	LOCS/SL 32	0.2	0.5	0.2	0.2
Frequency	256		128	512	256	224	256	256
Phase	128		128	192	192	192	192	192
NEX	1			1	3	2	3	3
PHASE FOV	1		1	0.75		1		
FREQ DIR	UNSWAP	R/L	UNSWAP	UNSWAP	S/I	S/I	S/I	S/I
FLOW COMP DIR					FREQ		FREQ	FREQ
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	ON	OFF	ON	OFF	ON	ON

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

NO
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onal COR Dynamic: Prescribe 1 slice through the pituitary gland. The protocol is set to acquire 7 phases. Allow the first phase to finish. During the pause, inject contrast and proceed with the remaining phases. Include this sequence when requested by the Radiologist.