

## BRAIN SELLA/PINEAL

**Revised:** 10/2018

**CPT Code:** 70553

**Indications:** Sellar, Suprasellar or cavernous sinus abnormality (microadenoma/macroadenoma), pituitary hypofunction

**Contrast:** YES

Preferred Scanner-Any Scanner (3T for Neuro patients)							
Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
AX	DWI	4	1.2	Y	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
AX	T2	3	1.5	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
AX	FLAIR	3	1.5	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
SAG	T1	2	.6	N	120	Entire Sella, angled parallel to sella	
COR	T1	2	.6	N	120	Entire Sella, angled perpendicular to sella	
AX	T1 FLASH	3	1.5	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
CONTRAST							
Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
COR	T1 DYN	3	0	0	150	Entire Sella, angled perpendicular to sella	Dynamic=screening, microadenoma only
SAG	T1	2	.6	0	120	Entire Sella, angled parallel to sella	
COR	T1	2	.6	0	120	Entire Sella, angled perpendicular to sella	
AX	T1 FLASH	3	1.5	0	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	

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SCAN PLANNING:

ACPC: Anterior Commissure Line/Posterior Commissure Line

