

PROTOCOL: MRI PITUITARY WWO *POST-OP* STANDARD

CLINICAL INDICATIONS/ HISTORY: Post-op / Standard (use for routine follow up evaluation of known adenoma – no dynamic sequence)

TIPS: If gadolinium ordered, administer by weight for pediatrics up to 10 mL. Use no more than 10 mL for adults.

SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/ GAP (mm)	FOV (cm)	Max Pixel (mm) x Ph	Fr PHASE AXIS	SEND TO PACS	Max scan time (target)	
1	AX	DWI (b1200)	2D	EPI	FORAMEN MAGNUM VERTEX	>4000	MIN	-	90	5/.5	24	2.5X2.5	AP	FULL SERIES + ADC MAP	3:00	
2	SAG	T1	2D	SE/FSE	COVER ENTIRE PITUITARY	<790	MIN FULL	-	90	2/.2	12-13	.9X.9	PA	FULL SERIES	5:00	
3	AX	T2FLAIR	2D	FSE	FORAMEN MAGNUM VERTEX	6000-15000	140-160	VARIES	>130	5/.5	24	.9X.9	RL	FULL SERIES	4:00	
4	COR	T1	2D	SE/FSE	COVER ENTIRE PITUITARY AND SELLA	<790	MIN	-	>130	2/.2	12-13	.9X.9	RL	FULL SERIES	4:30	
5	COR	T2	2D	FSE	COVER ENTIRE PITUITARY AND SELLA	4000- 7000	85-125	-	>130	2/.2	12-14	.75X.75	RL	FULL SERIES	4:00	
CONTRAST																
6+C	SAG	T1 FS	2D	SE w/ Flow Comp	COVER ENTIRE PITUITARY AND SELLA	<790	MIN FULL	-	90	2/.2	12-13	.9X.9	PA	FULL SERIES	5:00	
7+C	COR	T1 FS	2D	SE w/ Flow Comp	COVER ENTIRE PITUITARY AND SELLA	<790	MIN FULL	-	90	2/.2	12-13	.9X.9	RL	FULL SERIES	5:00	