

MRI PITUITARY PROTOCOL

Indications Sella region or pituitary lesion

Localizer scout

Plane	Sequence	Fat Sat	Mode	SLT / SP	FOV	Notes
Sagittal	T1	N		5/1.5	24 cm	
Axial	T1	N		5/1.5	24 cm	
Axial	T2	N		5/1.5	24 cm	
Axial	FLAIR	Y		5/1.5	24 cm	
Axial	DWI	N	ADC map	5/1.5	24 cm	B 0 and B 1000
Coronal	T1	N		5/1.5	24 cm	
Sagittal	T1	N		3/0.3	16 cm	through sella
Coronal	T1	N		3/0.3	16 cm	through sella
Coronal	T2	N		3/0.3	16 cm	*preferred but not required
Coronal +C	T1		Dynamic	3/0.3	16 cm	dynamic through sella before, during and after contrast
Sagittal +C	T1	N		3/0.3	16 cm	Do only if dynamic scan not available
Coronal +C	T1	N		3/0.3	16 cm	Do only if dynamic scan not available
Axial +C	T1	N		5/1.5	24 cm	cover entire brain

