

MRI ORBITS/ OPTIC NERVE

Indications	Vision loss, visual field deficit, optic nerve mass, ophthalmopathy, strabismus, infection, proptosis, optic neuropathy (NOT optic neuritis +/- MS)
Localizer	3 plane scout

PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Sagittal	T1			5 / 1.5	24 cm	
Axial	T1			5 / 1.5	24 cm	
Axial	T2			5 / 1.5	24 cm	
Axial	T2 FLAIR	Y		5 / 1.5	24 cm	
Axial	DWI		ADC MAP	5 / 1.5	24 cm	B0 and B1000
Axial	T1			3 / 0	16 cm	thins parallel to optic nerve
Coronal	T1			3 / 0	16 cm	thins perpendicular to optic nerve thru orbits
Axial	T2	Y		2 / 0	16 cm	thins parallel to optic nerve
Coronal	T2			3 / 0	16 cm	thins perpendicular to optic nerve thru orbits
Axial + C	T1	Y		3 / 0	16 cm	thins parallel to optic nerve
Coronal + C	T1	Y		3 / 0	16 cm	thins perpendicular to optic nerve thru orbits
Axial + C	T1			5 / 1.5	24 cm	through entire brain

