

# MR Orbits W/WO Protocol

## Indication

- Mass /infection(vascular maformation of the orbits/periorbital tissues)
- Intraocular tumors (retinoblastoma, uveal melanoma)
- Cavernous sinus pathologies
- CN 3, 4 & 6 pathologies

AX T2 BRAIN	5 mm		21	
AX T2 FSE	3mm	0.5mm	18	Occlusal plane to above orbits
AX T1 SE	3mm	0.5mm	18	Same as T2FSE orbits
COR T2 FATSAT	3mm	0.5mm	18	Lens to mid Pons
COR T1 SE	3mm	0.5mm	18	
AX DW	3mm	0.5mm	18	

### *Contrast Injection*

AX T1 SE FAT SAT	3mm	0.5mm	18	
COR T1 SE FAT SAT	3mm	0.5mm	18	
Ax BRAVO BRAIN post GAD	1mm			

## Optional

SAG OBL T2	3mm	0.5mm	18	Angle to Optic Nerve
POST GAD SAG OBL T1 FAT SAT	3mm	0.5mm	18	Angle to Optic Nerve
AX FIESTA/CISS	0.8		18	

- ⇒ For **intraocular lesions** (retinoblastoma, melanom): use **AX FIESTA** from the globes only
- ⇒ If **artefact with COR FS T2**: use cor STIR
- ⇒ For CN 3 pathologies: add TOF MRA
- ⇒ For strabismus, extraocular muscle pathologies: add FIESTA /CISS from the orbits

