

MR TMJ (Temporomandibular Joint)

Last Updated: 2024

Name	Plane	Sequence	Slice	Gap	FOV	Scan Range
3 Plane Localizer	AX, SAG, COR					
Axial T2 Whole Brain	Axial	T2 FSE	5 mm	0.6 mm	20-25 cm	Whole head and brain
Coronal PD Closed	Coronal	PD FSE	3 mm	0.3 mm	20-25 cm	Closed mouth, both TMJs in one scan
Coronal T1 Closed	Coronal Oblique	T2 FSE	3 mm	0.3 mm	10-12 cm	Closed mouth, separately through each TMJ
Sag T2* GE Cine Left	Sagittal Oblique	T2* GE	3 mm	0.3 mm	10-12 cm	Dynamic during mouth opening
Sag T2* GE Cine Right	Sagittal Oblique	T2* GE	3 mm	0.3 mm	10-12 cm	Dynamic during mouth opening
Sagittal T1 Closed	Sagittal Oblique	T1 FSE	3 mm	0.3 mm	10-12 cm	Closed mouth, separately through each TMJ
Sagittal T1 Full Open	Sagittal Oblique	T1 FSE	3 mm	0.3 mm	10-12 cm	Closed mouth, separately through each TMJ
Sagittal T2 Closed	Sagittal Oblique	T2 FSE	3 mm	0.3 mm	10-12 cm	Closed mouth, separately through each TMJ
Sagittal T2 Full Open	Sagittal Oblique	T2 FSE	3 mm	0.3 mm	10-12 cm	Closed mouth, separately through each TMJ

Notes:

