

On-line Table: Imaging characteristics of patients with posterior intraconal orbital pathology

Patient	Age (yr)	M/F	Orbital Pathology	MRI	TI Sequences Performed	OA-ON Crossing Visible on MR Imaging	CT	OA-ON Crossing Visible on CT	Medial Intraconal Fat Effacement
1	39	F	Venous malformation	3T, with intravenous contrast	3-mm Axial T1 pre, axial and coronal T1 post, coronal T1 post	Yes, visible on non-fat-suppressed T1	NECT	Yes	Fat completely effaced
2	74	M	Venous malformation	Outside 1.5T, with intravenous contrast	3-mm Axial T1 pre, axial and coronal T1 post, axial T1 post	Yes, visible on non-fat-suppressed T1	CECT	Yes	Fat completely effaced
3	28	F	Rhabdomyosarcoma	3T, with intravenous contrast	3-mm Axial and coronal T1 pre, axial and coronal T1 FS post, coronal T1 post	Yes, visible on both non-fat-suppressed and fat-suppressed post-gad T1	Outside CECT	No	Fat completely effaced
4	75	F	Squamous cell carcinoma	3T, noncontrast	2-mm Axial T1 pre, 3-mm coronal T1 pre	Yes, visible on non-fat-suppressed T1	NECT	Yes	Fat completely effaced
5	69	F	Venous malformation	3T, with intravenous contrast	2-mm Axial T1 pre, 3-mm coronal T1 pre, 3-mm axial and coronal T1 FS post, 2-mm coronal T1 post	Yes, visible on non-fat-suppressed T1	NECT	Yes	Fat nearly completely effaced, lesion more inferior and lateral
6	53	M	Venous malformation	3T, with intravenous contrast	2-mm Axial T1 pre, 3-mm coronal T1 pre, 2-mm axial and 3-mm coronal T1 FS post	Yes, visible on non-fat-suppressed T1	Outside CECT	Yes	Fat nearly completely effaced, lesion more inferior
7	46	F	Meningioma	3T, with intravenous contrast	2-mm Axial T1 pre, 3-mm coronal T1 pre, 2-mm axial T1 FS post, 3-mm coronal T1 post	Yes, visible on both non-fat-suppressed and fat-suppressed post-gad T1	NECT	Yes	Fat nearly completely effaced, lesion eccentric lateral to the nerve
8	48	F	Venous malformation	3T, with intravenous contrast	2-mm Axial T1 pre, 3-mm coronal T1 pre, 2-mm axial and 3-mm coronal T1 FS post	Yes, visible on non-fat-suppressed T1	NECT	Yes	Fat completely effaced
9	8	M	Schwannoma	Outside 1.5T, with intravenous contrast	3-mm Axial and coronal T1 pre, axial and coronal T1 FS post	Yes, visible on non-fat-suppressed T1	NECT	Yes	Fat completely effaced

Note:—gad indicates gadolinium; pre, precontrast; post, postcontrast; FS, fat-suppressed.