

- 2 months old infant
- Full term
- Redness
- Tearing
- Enlargement of Lt eye since birth
- Referred

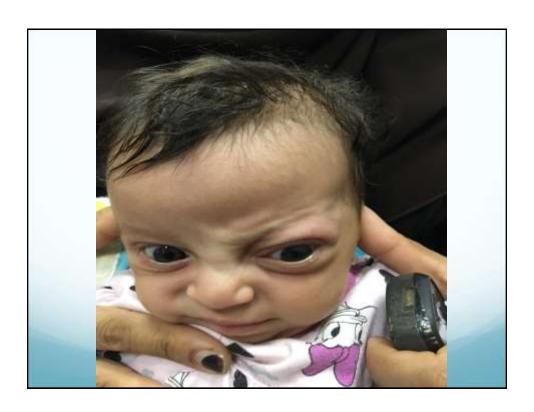


















EUA

Rt Lt

VA: f & f VA: f &f

Ref: +2 Ref: +2

HCD: 10.5 mm HCD: 10.5 mm

Cornea: CLEAR Cornea: CLEAR

IOP: 10 mmHg (Perkins) IOP: 13 mmHg (Perkins)

Conjunctiva: NAD Conjunctiva: Congestion

Lacrimal app.: -ve regurge Lacrimal app.: -ve regurge

Motility: free Motility: free

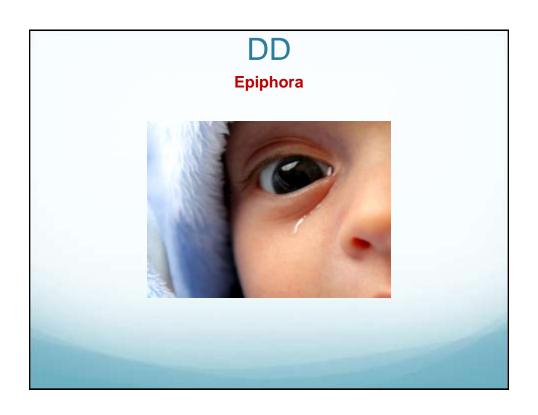
Fundus: C/D 0.1 Fundus: C/D 0.1

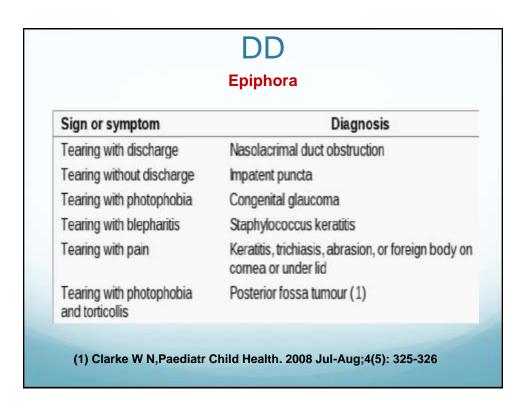
Orbit: NAD Orbit: Proptosis

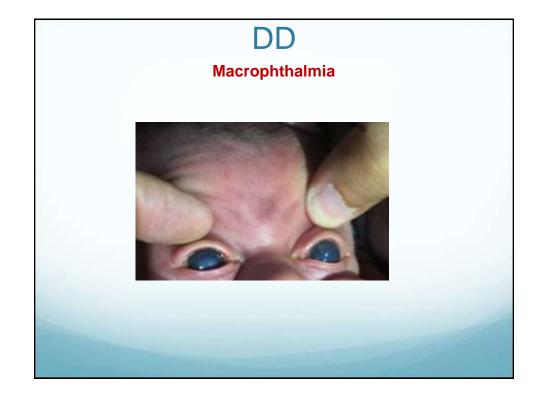


Proptosis

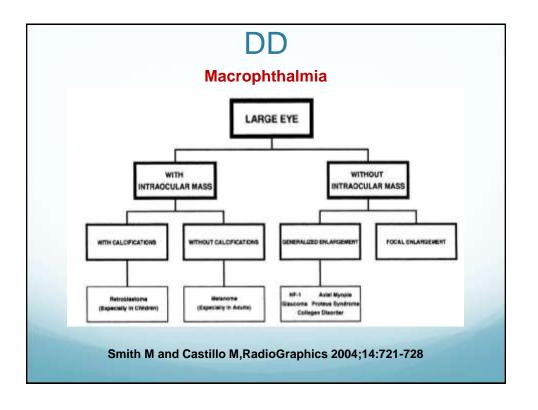
- Developmental (e.g. Dermoid cyst)
- Orbital cellulitis
- Vascular malformations (e.g. Capillary hemangioma)
- Neoplasms (e.g. Retinoblastoma, Optic Glioma, Rhabdomyosarcoma, leukemia, lymphoma, histiocytosis, Ewing sarcoma and metastases)
- Inflammations (e.g. Orbital pseudotumour)

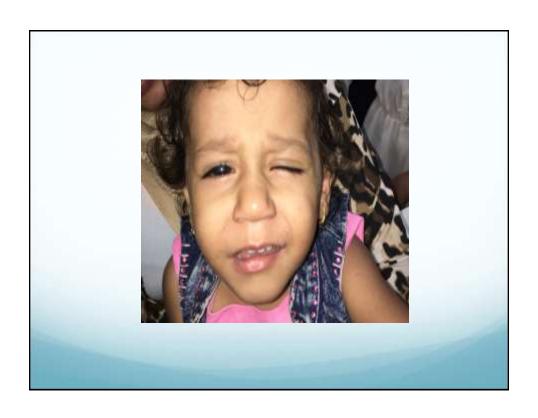


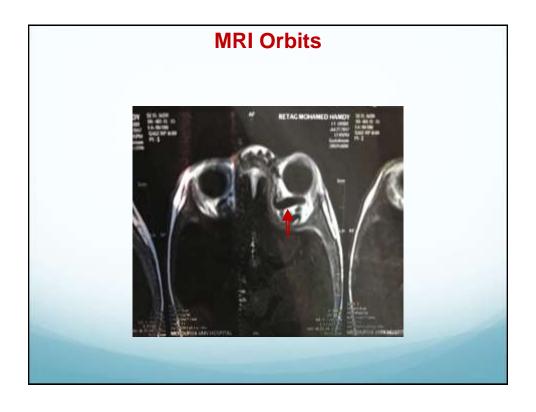


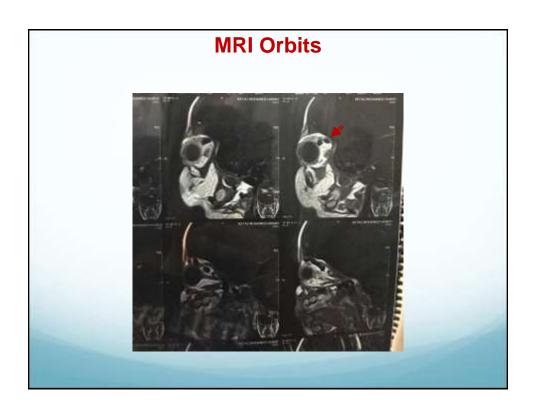


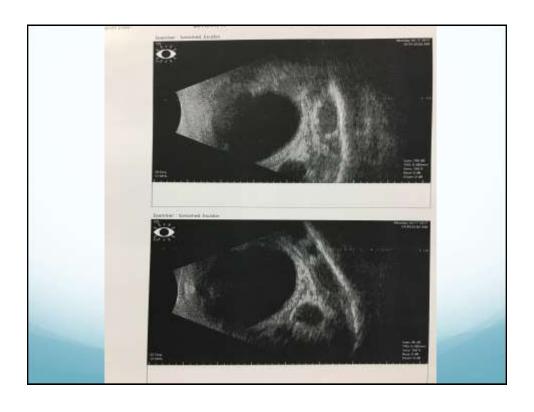
Gender: Male indivdual	Years	Years			
	TORCH PROFICE				
Aest Name	Result_		Reference Range		
Toxoplasma 1gM	0.54	Index	0.0		0.5
Toxoplasma 19G	40.1*	FU/mE	0.0		3.0
CMT IgM	1.23	Intex	0.0	-	0.4
CMTHG	65.1*	AU/me	0.0		15.0
Кибейа ІдМ	0.44	Index	0.0		0.6
Rubella 14G	52.3*	PU/mE	0.0		3.0
Herpex I IgM	1.32	T. U/mL	0.0		10.0
Herpes I 19G	46.1*	EV/ME	0.0	-	10.0
Herpex II IgM	0.33	EV/mE	0.0		10.0
Turpes II IgG	5.12	EO/mL	0.0		10.0











Orbital Varices

Etiology and Epidemiology

- Venous malformations (vascular hamartomas)
- Commonly present from early childhood
- Most varices are unilateral and located superonasally

Symptoms and Signs

- Proptosis is the common presenting sign
- It is intermittent and slowly progressive
- † upon increasing the orbital venous pressure (e.g. coughing, straining, Valsalva maneuver and bending of the head down)

Complications

- Acute orbital hge
- Thrombosis
- Optic nerve compression

Management

- Conservative
- Sugery (Indications):

OPTIC NERVE COMPRESSION

Nonresolving episodes of thrombosis

Severe disfiguring proptosis or globe displacement

Significant pain

Management

Specialized techniques:

Coil embolization

Carbon dioxide laser

Orbital venous anomaly presenting with orbital hemorrhage.

Kim YJ, et al. Jpn J Ophthalmol. 2009. Show full citation

Abstract

PURPOSE: To report on the characteristics of patients with orbital venous anomaly presenting with acute orbital hemorrhage.

METHODS: We retrospectively reviewed the clinical and radiologic findings of a case series of eight orbital venous anomaly patients who presented with orbital hemorrhage. Charts of patients diagnosed as having orbital venous anomaly who initially presented with orbital hemorrhage were selected.

RESULTS: The eight patients with orbital venous anomaly (one man and seven women) ranged in age from 7 to 66 years (median, 22 years). The average duration of symptoms was 7 days (range, 1-30 days). All eight patients were totally asymptomatic prior to their acute presentations. Orbital computed tomography

Take home message

- PCG can be misdiagnosed by certain conditions
- Proper history taking is always the clew
- Cornea & optic nerve are the keys to diagnose PCG
- Orbital varices can cause and be presented by glaucoma
- If Retinoblastoma is suspected, request MRI and not CT

