

PTOSIS

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ABSTRACT:

This paper describes about Ptosis, its classification, reasons of developing Ptosis and its Treatment.

INTRODUCTION:

Ptosis is a condition where upper lid is drooping compared to normal position.

Reasons for development of Ptosis:

 Weakness of the levator palpebral superioris muscle

 Weakness of the Superior Rectus muscle

- ✚ Due to Trauma.
- ✚ Due to mechanical weight like upper eyelid Tumor etc.
- ✚ Nerve weakness can also create Ptosis

Before diagnosis of Ptosis it should be differentiated from Pseudo Ptosis.

The meaning of the Pseudo Ptosis is, “It is not a True Ptosis actually but it looks like a Ptosis.”

Reasons of the Pseudo Ptosis are:

- ✚ Contralateral eye is retracted
- ✚ Low orbital content in Ipsilateral eye
- ✚ Ipsilateral Hypotropic
- ✚ Excessive skin on the brow can create Pseudoptosis.

To diagnose Ptosis, always practitioner should look for:

A. Amount of Ptosis

Here, the distance between upper lid margin and upper limbus is seen by Torch light examination. In case of Ptosis this distance is low compare to normal.

B. Marginal Reflex Distance

Torch light reflex distance between upper eyelid margin and center of the pupil.

C. Palpebral Fissure Height

Distance between upper and lower lid margin

D. Upper Lid Crease

The meaning of the lid crease is fold. In case of Ptotic eye lid crease is absent.

E. Marcus Jaw Winking Phenomenon

Here, patient is asked to chew. On that time, Ptotic eye is in normal position for a transient period of time, due to stimulation of Pterygoid muscle.

F. Bell’s phenomenon:

Here grasp the upper lid and patient is asked to shut down his/her eyes, and should notice the globe movement to upward rotation.

****During Ptosis Diagnosis, it should be differentiated from Myasthenia Gravis.**

Here Edrophonium IV injection is used. If ptosis is improved then it is diagnosed as Myasthenia Gravis.

TREATMENT:

- ✚ Ptosis spectacles can be prescribed
- ✚ Fasanella Servat Operation
- ✚ Levator Resection
- ✚ Brow (Frontalis) suspension
- ✚ Aponeurosis Strengthening

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