

# EARLY ONSET ESOTROPIA PERSONAL VIEW

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- \* Esotropia Occuring during the first 6 months of life.

## \*Names

- \*Congenital Esotropia
- \*Essential infantile Esotropia
- \*Idiopathic infantile Esotropia
- \*Early onset Esotropia
- \*Early Acquired Esotropia
- \*Ciancia's syndrome

\*Subject of much debate with regard to its naming, diagnostic features , treatment and its onset.

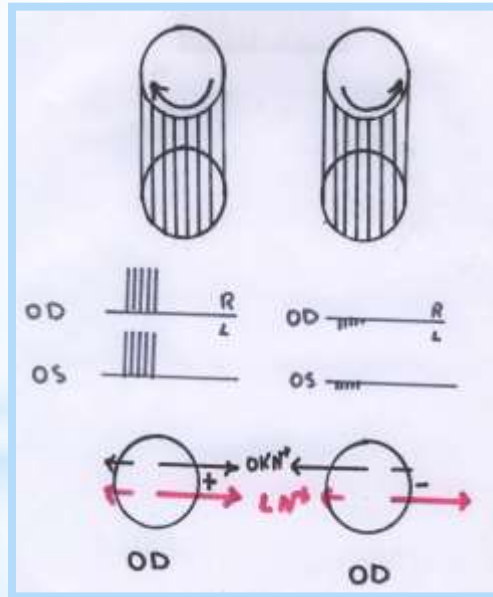
# \*Clinical Characteristics



- \* Large size 15 degrees or more.
- \* Stable
- \* Variable.
- \* No CNS anomalies
- \* Pseudo defective abduction
- \* Inferior oblique overaction
- \* DVD
- \* Latent and manifest latent nystagmus



# Pathogenesis



## \* Abnormal head posture (Discordant torticollis)



\*Affecting either eye or cross fixation

\*Any state of refraction

## \*ETIOLOGY

\*Unknown

## \*Pathogenesis

- \*Accommodative in 15%
- \*Hypertonic medial recti without nystagmus.
- \*Hypertonic medial recti with nystagmus.
- \* (Nystagmus blockage syndrome-Ciancia's Syndrome)

## \*Surgical Treatment

- \*Botulinum toxin
- \*Bimedial recession

## \*Onset

- \*Recently between 6 and 9 months  
(American School)



## \*Target

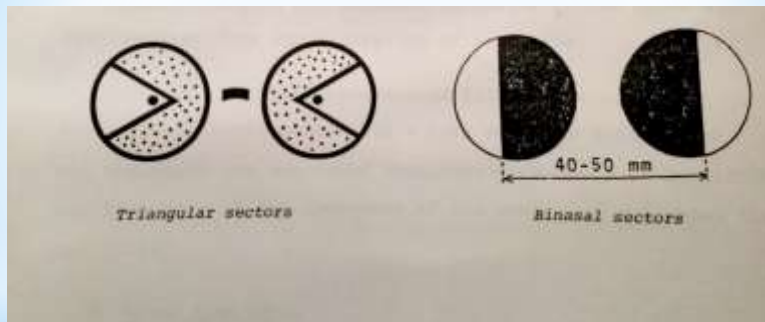
- \*Microtropia of 10 prism diopters with peripheral fusion and gross stereopsis

## \*Personal view

## \* ONSET

\* Between one and two years

## \* Binasal Sectors



\*Penalization for near if amblyopia is present

## \*Surgical Treatment

- \*Bimedial anchored hang back recession with or without faden sutures .
- \*Surgical correction of other EOMs anomalies

# Faden

$$R = F \times A$$



## \*When to use faden sutures?

- \*NBS
- \*Variable angle
- \*Stable large angle that disappears under G.A.

## \*When not to use faden sutures?

- \*Partially accommodative esotropia
- \*Angle not corrected under G.A

## \*Personal Classification

- \*Premacular esotropia
- \*Postmacular esotropia

## \*Prognosis

- \*Better for postmacular esotropia

## \*Re-Operation

- \*Residual esotropia 5-10%
- \*Consecutive exotropia (late) 30%

\*Time of re-operation

\*Immediate

\*Thank you