



**MEMORIAL INSTITUTE FOR
OPHTHALMIC RESEARCH
MIOR 2019**

**Modification in
transposition surgery**

**By
Zeinab Ahmed Saad; MD
Pediatric and strabismus department**

- 14 years old male child.
- Presented with ocular deviation.



History

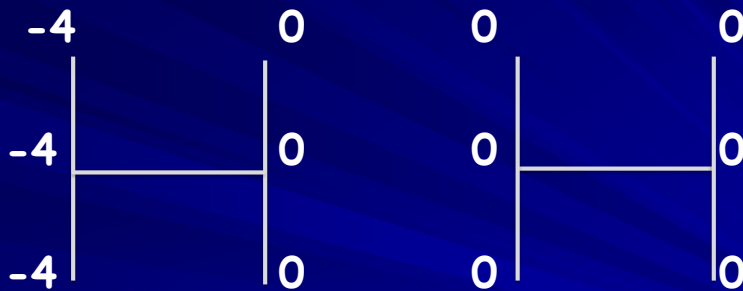
- Onset: Ocular deviation following head trauma.
- Head trauma: Head trauma 8 mths ago.
 - Previous ocular surgery: No
 - Fever: No

Ocular examination

- Anterior segment: Irrelevant
 - Pupil examination: Normal
- Fundus was examined: Normal



Cover test and ocular motility



Esotropia fixing OS, can't hold OD

Right esotropia 65 Δ D

Ocular examination

- No other cranial nerve affection
- No gaze palsy
- Visual Acuity: 3/60 6/6
- Current Rx: RE: +0.25D/ +0.25D *70°
 LE: +0.25D/ +0.50D *110°

Imaging



A case of Right 6th nerve palsy

What to do?

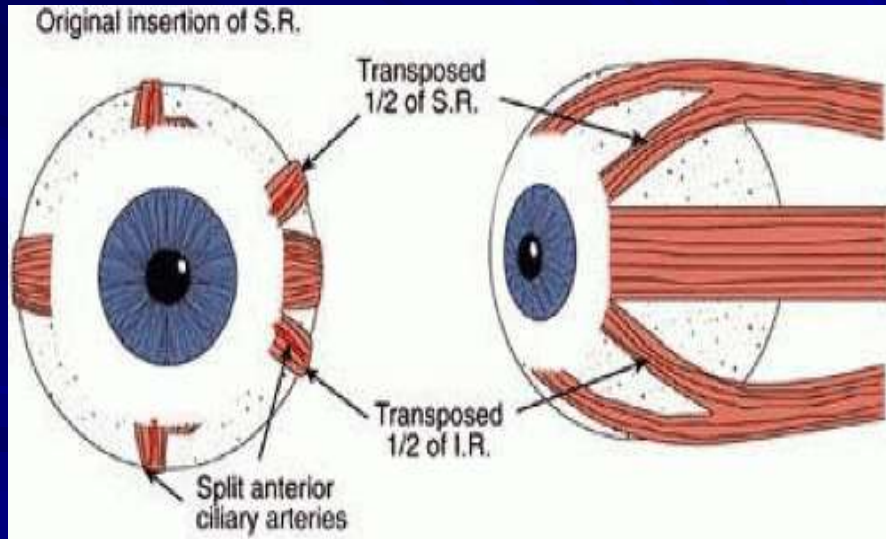
- FDT: -ve
- Maximum MR recession in RT eye.

ET 65 Δ D \longrightarrow 45 Δ D

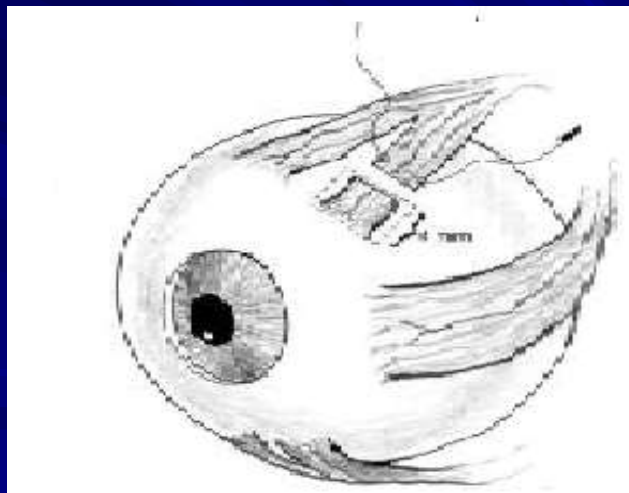
then

After 3 months...

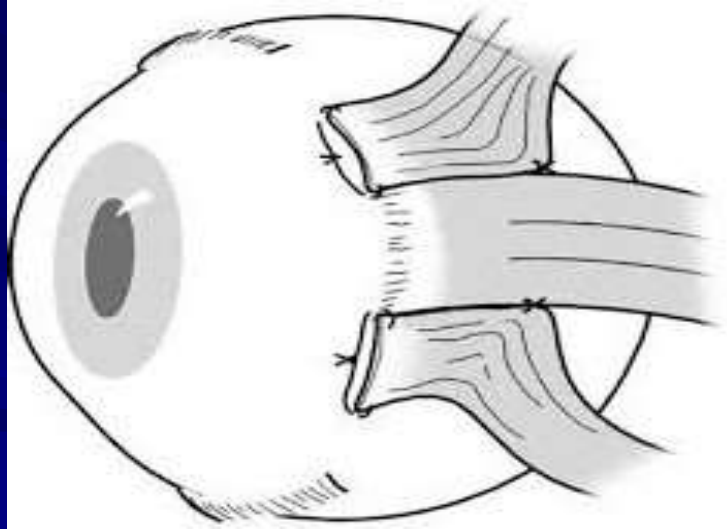
Hummelsheim with modification



Brook's resection 5mm



Wright modification 5mm



2 days postoperative



2 wks postoperative



6/18

6/6

Recommendation

Association of Hummelsheim procedure with
brook's resection and wright modification

gives

a satisfactory results.



Thank you