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	RE	LE	
BDCVA	1.0 (Decimal)	1.0 (Decimal)	
Aut	Newweel	Newsel	
Ant segment	Normai	Normai	
Fundus	Normal	Normal	







Intraoperative

- FDT > +ve
- Explored IR >> has she undergone IR+?
- But it was intact (untouched)
- Muscle band next to temporal border





DD

- Anti-elevation Syndrome
- Fat adherence syndrome



Anti-elevation Syndrome

- In 1978, Scott proposed the concept of IOAT
- IO anteriorized to the level of IR (IO from elevation > depression)
- Since then, IOAT has been used for correction of IOOA and treatment of DVD or SOP.
- A technique that shortens the distance between the origin and the insertion of the inferior oblique muscle. Thus, it weakens the elevation and abduction, endowing an **anti-elevation** function.





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Literature

- Mims and Wood reported antielevation syndrome in 14 /123 patients (after bilateral IOAT) and 2 / 77 patients by Kushner.
- Unilateral IOAT can result in Pseudo IOOA of the contralateral eye

(by stimulating the YOLK muscle in contralateral eye by hering's law)

• This phenomenon is more remarkable the more anterior the IO is located to the equator



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Fat adherence \$

- Hypotropia
- limitation of elevation
- positive FDT



After IO disinsertion

Still hypotropia around 20 PD



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Had IR recession 4mm

- Hypotropia improved to 15 PD
- Still cosmetically unaccepted



Single horizontal m transposition

• Lateral rectus upward transposition



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Few weeks later

- XT in PP
- Still hypotropic



Few months later>>Orthophoria in PP



Conclusion There aren't many literature for treatment Prevention seems to be the most appropriate way in management Tips: Avoid spreading Avoid IOAT >1 mm Graded IOAT Y splitting (where the ant fibres 2 mm, NFVB 6 mm)

