WSPOS Global Case Report Quiz Case 20

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Case Report

 46-year-old Male, Known Case of Thyroid Eye Disease, Presented with C/O Inward Deviation of Eyes with Diplopia

 Status Post OU Orbital Decompression Done 04/2016

S/P Pulse IV MP

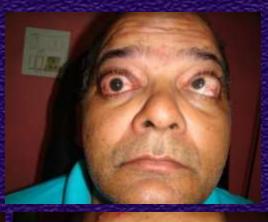


Case Report

- VA-20/30 OU
- ET Of 50 PD with 18 PD Right Hypo
- Does Overlap and See Single with Prisms
- Limited Abd. -3 Right Eye, -4 Left Eye
- Limited Elevation -3 In Right Eye
- Ant. Segment, IOP & Fundus WNL OU
- No Torsion In Fundus



Pre-op













How would you address the issue of diplopia in this case?

Eye Muscle Surgery

Prisms

Surgery + Prisms

Botox + Prisms

PLEASE ANSWER THE QUESTION POSED ON THIS SLIDE BEFORE PROCEEDING WITH THE CASE PRESENTATION



If You Would Operate, What Procedure Would You Choose?

MR Recession in Both Eyes

Both Eyes MR + Right Eye IR Recession

 MR Recession In Both Eyes + One Eye LR Resection + Right Eye IR Recession

PLEASE ANSWER THE QUESTION POSED ON THIS SLIDE BEFORE PROCEEDING WITH THE CASE PRESENTATION



What Did We Do (Fixed Suture)?

6.5 mm MR Recession in Both Eyes

6 mm IR Recession with Nasal Shift in the Right Eye

 FDT showed 3+ Tight MR in Both Eyes, 3+ Tight IR in Right Eye and 1+ Tight IR in Left Eye



Case Report 3 months Post-op

Residual ET 50 PD

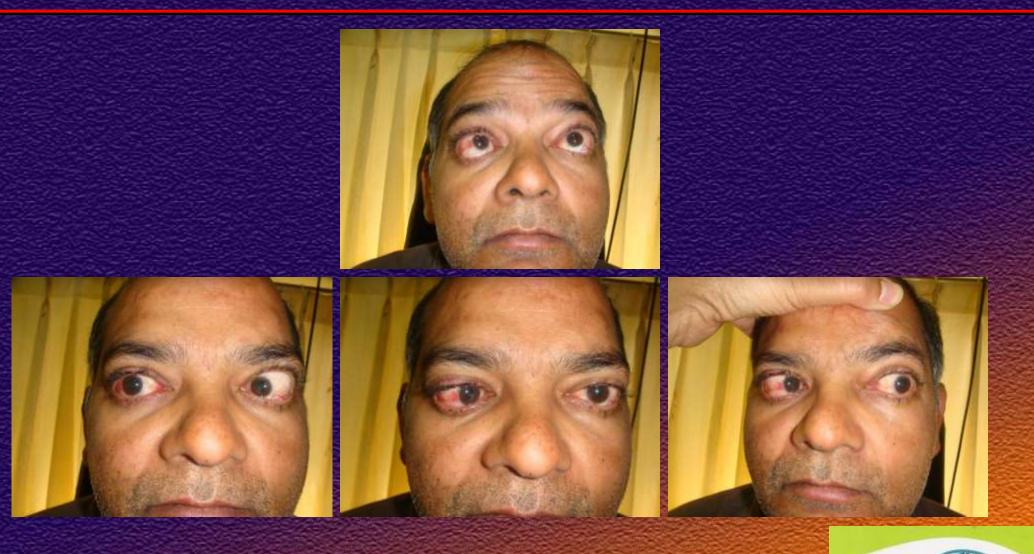
Can Overlap and See Single with prisms

Persisting Abduction Limitation -1 to -2 in Both Eyes

No vertical diplopia



Residual ET





What would you do further for his diplopia?

- Additional Surgical Procedure
- Botox to the MR
- No Further Surgery
- Prisms
- Frosted Glass Over One Eye

PLEASE ANSWER THE QUESTION POSED ON THIS SLIDE BEFORE PROCEEDING WITH THE CASE PRESENTATION



What Did We Do?

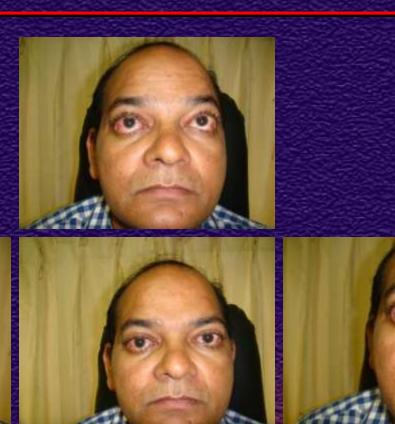
Both Eyes LR Resection 9.5 mm

FDT was Tight for MR in Right Eye

MR Explored and Re-recessed to 12 mm from Limbus



Final Post-op







Final Outcome

Orthotropia for Near and 6 PD Eso. for Distance

Prisms Given to Relieve Diplopia for Distance

Symmetry of Versions



Could Our Experts Please Answer These Questions In Addition To Those Asked Earlier (On Slide Numbers 5, 6 & 10)?

- Would You Opt for Adjustable or Fixed Suture Surgery? & Why?
- What According to You (if any) is the Role of Transposition of IR Muscle While Recessing it?
- What is the Role of Traction Test for Obliques?
- Would You Weaken the SO if You are Doing a Bilateral IR Recession to Prevent A Pattern?
- Do You Take into Account Late Overcorrection After IR Recession, Especially in Adjustable Surgery?
- Would You Use Vicryl or Non Absorbable Sutures for the Inferior Rectus?
- What is Your Response to Per mm Of Recession in Tight Thyroid Muscles?



Thank You!!!!!

