

WSPOS Global Case Report Quiz

Case 20

B. Venkateshwar Rao, MD
Shreya Eye Care Center,
Hyderabad, India

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!!!!!!