Course of Myopic Schisis

EDWIN H RYAN MD
VITREORETINAL SURGERY PA
EDINA, MN USA
Disclosures

- Alcon Surgical - royalties
Summary

- Myopic schisis can have a fluctuating course
73 yo man with 2-3mo history decreasing vision in only eye
- History of PCL and POAG OD, on latanoprost and timolol
- NLP OS post failed RD repair many years ago
- Former very high myope
- First seen 10/13/15, was 20/40– OD with IOP of 15 OD, 0 OS
- Exam OD showed staphyloma and myopic schisis
First exam

- Foveal thinning, but no hole
- SRF worrisome, however
- Vision 20/40, symptoms not prominent
- So, opted to observe
Increased SRF, VA decreased to 20/50-
Time to intervene?
20/30, noted subjective change
20/50 - “slightly worse”
No Fluid! 20/30+. Patient notes only some subjective improvement
Recurrent fluid!
20/40-
10/1/19  20/60+
Notes decreased
12/3/19
Huge improvement
20/40-
6/16/20
Resolved
20/25ph
Summary

- Myopic foveoschisis can have a variable course
  - Multiple reports of spontaneous resolution
- Many patients progress to macular hole and myopic RD, and need surgical repair, which can be challenging
- But some do not (I have 4 other patients with spontaneous resolution)
- My approach is to observe, and only intervene if vision progressively worsening and/or a hole is developing