





- For each hour of CE units, attendees must be online for a minimum of 50 minutes
  - For a COPE certificate, please fill out the survey link in the chat. Also, the survey link will appear when the webinar ends.
  - CE certificates will be delivered by email and sent to ARBO with OE tracker numbers
  - We will also display a QR code at the end of the event if you have the OE tracker app on your phone.
- CE certificates will be emailed within 4 weeks

ñ

Ask questions using the zoom on-screen floating panel





































Stage in Common Use for Full- Thickness MH	Gass-Based Classification	IVTS Classification
0	Previous MH with no foveal architecture changes and VMA in the fellow eye	VMA
1	Impending macular hole with foveal architecture change	VMT without MH
2	MH with preexisting VMA	Small-sized or medium-sized MH with VMT
3	≥ 400 µm MH without VMA	Medium-sized or Large-sized MH with VMT
4	MH with complete vitreous separation	Any sized MH without VMT
*** small or medium M ****Closure rates ~90% chronic macular holes The International Viteomacular Traction Study Group Traction, and Meader Hole. Optimizing. 2031.21	acular Hole needs referral within 72 hour % in small and medium macular holes, wh have lower and more variable rates of clo Ossistand Versonaular Atheiso, are:	<u>s to</u> retinal specialist ereas large and isure.





























Name:	Hannagan, Herbert				
ID: DOB: Gender:	40619 1/2/1935 Male	Exam Date: Exam Time: Serial Number:	12/19/2014 1:47 PM 4000-2172	NOVA SE UNIVERSITY	
High D	efinition Images	Signal Strength: HD 5 Line Spacing:	e Raster	<b>OD</b> ○ <b>  ● OS</b> Length: 6 mm	





Comments

Doctor's Signature









# **Current ARMD Options**

Macular Photocoagulation – used Rarely – "Extra-Macular lesions" Photodynamic therapy – used Rarely – PCV, chronic leaking growing

 Photodynamic therapy – used Rarely – PCV, chronic leaking growing lesions with scars

Macugen – used "maybe never" very ineffective but still available

Avastin – used with step therapy and for cost reasons

Lucentis

- Eylea
- Beovu used rarely unresponsive CNV
- Vabysmo increasing usage due to improved duration and efficacy

Susvimo -rarely used - new technology - few trained surgeons

Biosimilar Lucentis – usage will start soon and be dictated by insurance

39









Disease Severity	Definition	Management	Natural History
No retinopathy	Diabetic retinopathy absent	12 months	
Mild NPDR	MA only	12 months	5% risk of progression to proliferative diabetic retinopathy (PDR) within or year.
Moderate NPDR	MA plus, exudates, cotton wool spots, retinal hemorrhages, intraretinal microvascular abnormality, venous beading	Three to six months *Depends on severity of signs, stability, systemic factors, and patient's glycemic control	up to 27 % risk of progression to proliferative diabetic retinopathy (PDR) within one ye ar.
Severe NPDER (4-2-1) rule	Severe retinal hemorrhages in four quadrants, or venous beading in at least two quadrants, or moderately severe intraretinal microvascular abnormality in at least one quadrant	Two to three months	Proliferative diabetic retinopathy in up to 50% within a year

PDR	Neovascularization Vitreous Hemorrhage	Retina referral v one week
	High Risk: 1. NVD > 1/4 to 1/3 disc area 2. Any NVD associated with vitrouse appreciated hemorrhage 3. Any NVE associated with vitreous or preretinal hemorrhage	Retina refe within one to two da









More Information What's the Dx? How should condition be managed?



# Hypertensive Urgency Goal: Reduce BP over several hours to day • Elderly at high risk of ischemia from rapid reduction of BP, therefore slower reduction in BP in this patient population Treatment • Initiate medication • Increase dose of existing medication or add another medication • Re-institute medication(s) in non-compliant patients







Doctor's Signature

55

Comments

 CRAO MANAGEMENT 2023

 EMERGENT STROKE EVALUATION

 Image: Comparison of the symptomatic or the symptomatic

warning of a stroke

56



57



58





2/21/23

# Retained visco-elastic material

Visco-elastic material (Healon)

Must be COMPLETELY removed

- before finalizing surgery
- Material can clog the angle and TM causing acute spike in IOP with pain, nausea and vomiting





# 62

61







Presence of choroidal effusions

Wound leak

+ Seidel testLow IOP

Decreased vision

• Shallow anterior chamber







# Intravitreal injections

- Vitreous Floaters
- Increase IOP
- Inflammation
- · Retinal detachment
- Endophthalmitis



67

69



Permanent, refillable intraccular implant Customized formulation of ranibizumab Implant surgically placed at the pars plana Refills performed in office

10.20.2022

# **Genentech Voluntarily Recalls Susvimo Ocular Implant** for Wet AMD

< Share & Copy Link

Roche and Genentech announced a voluntarily recall of the Susvimo (ranibizumab injection) ocular implant for wet AMD, citing a manufacturing problem with the device. In addition, the companies announced that new implantations, including in ongoing global clinical trials, have been paused.

The voluntary recall, which comes a year after FDA approval, is based on recent testing of its commercial supply in which Susvimo implants were exposed to repeated puncturing with a needle. The results showed that some implants did not perform to the company's standards," according to a Genentech statement.





