PTIAN HTHALMOLOGICA

# **INTRAVITREAL INJECTIONS**



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## I HAVE NO FINANCIAL INTEREST TO DISCLOSE

# FACTS..

Paradigm shift in managing retinal disorders.

Most frequently performed eye procedure in the world \*

Safety issues:

Severe adverse events, e.g., infectious and noninfectious endophthalmitis, cataract, ocular hypertension, vitreous Hge, or RD.

Uneeded excess injections (economic, psychologic burden)

When not inject....When to stop injections?

Accurate diagnosis and precise tailoring of treatment

\* Grzybowski A, Told R, Sacu S, et al. Euretina Board. 2018 update on intravitreal injections: Euretina expert consensus recommendations. Ophthalmologica. 2018;239(4):181–193.

# **ON-LABEL USE OF IV ANTIVGEF**

N-AMD, DME and RVOs, myopic CNVM, and PDR

TAE / PRN

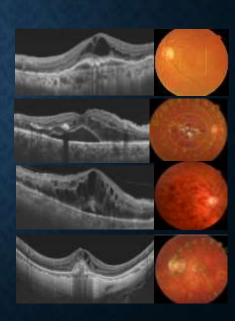
Load or not ?

Indication of reinjection: VA-Hge-IR/SR fluid

Tailor ttt according patient response



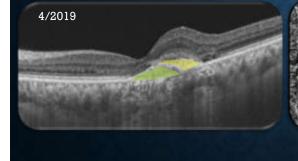




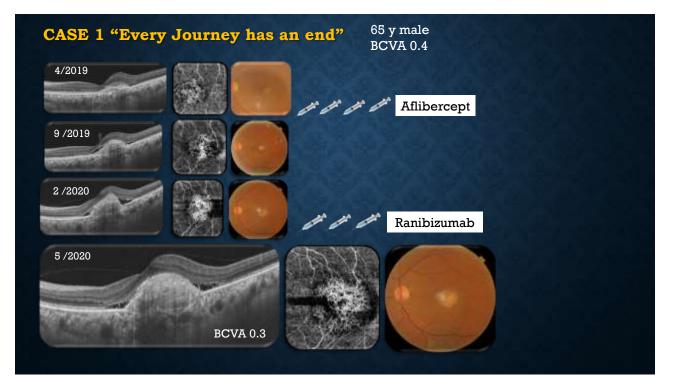
## **CASE SCENARIOS**

#### CASE 1 "Every Journey has an end"

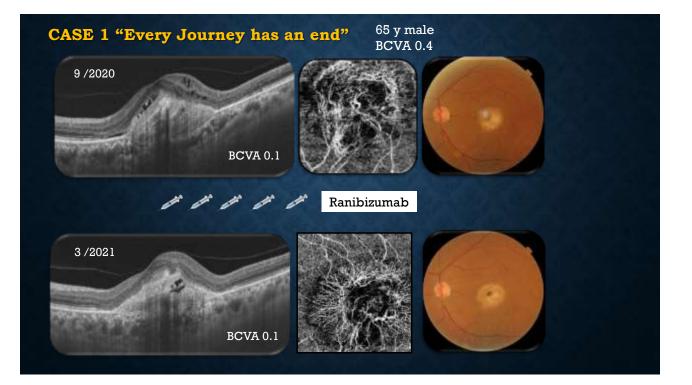
65 y male DOV OS with metmorphopsia Hypertensive on ttt BCVA 0.4 Received multiple injections elsewhere



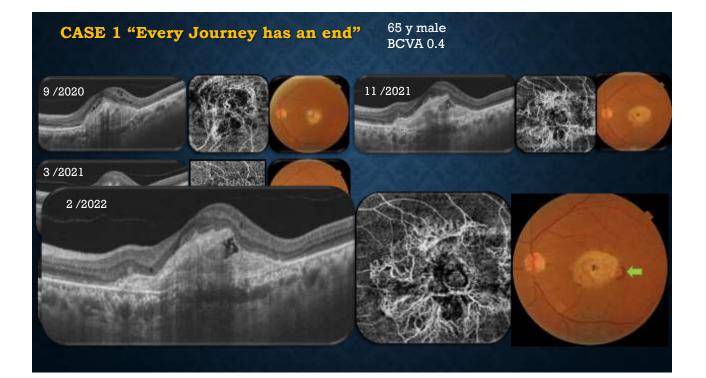


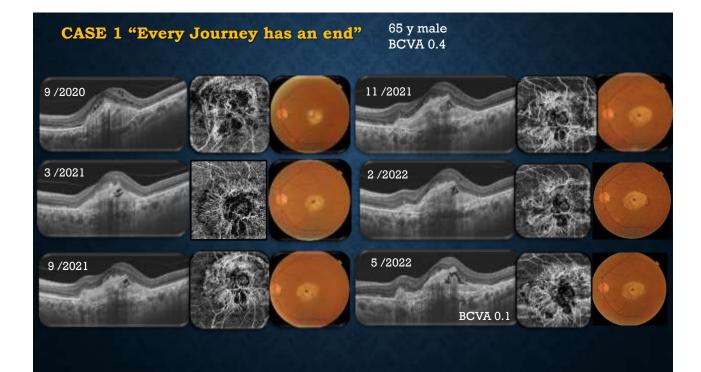






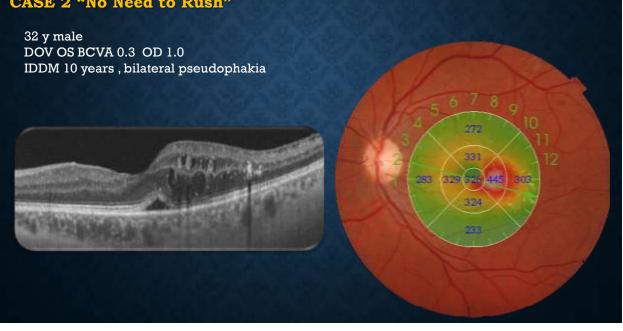


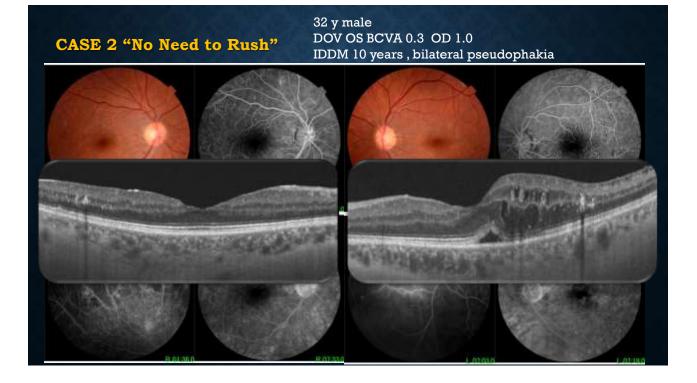


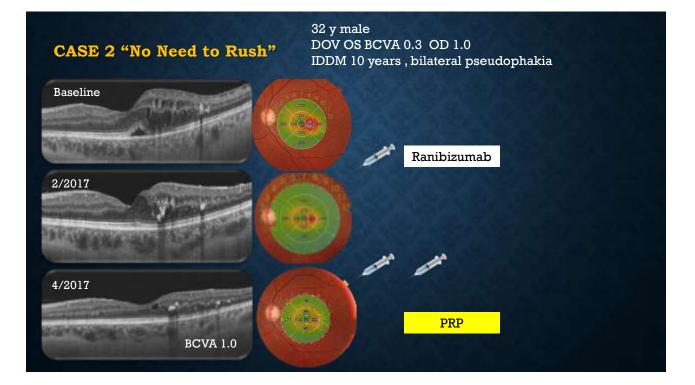


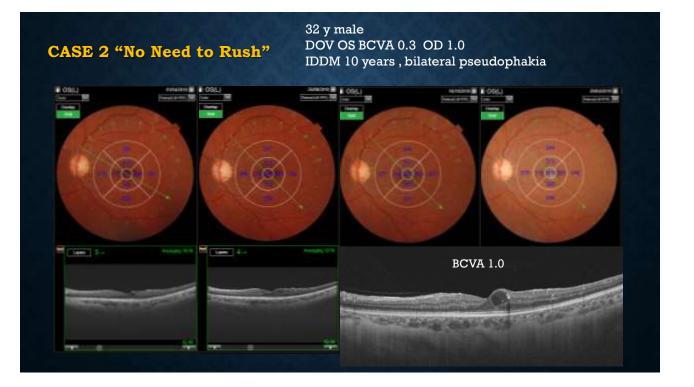


## CASE 2 "No Need to Rush"



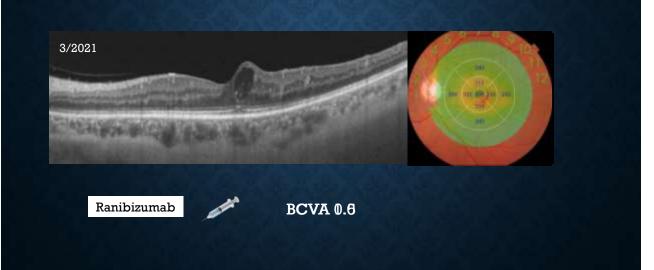


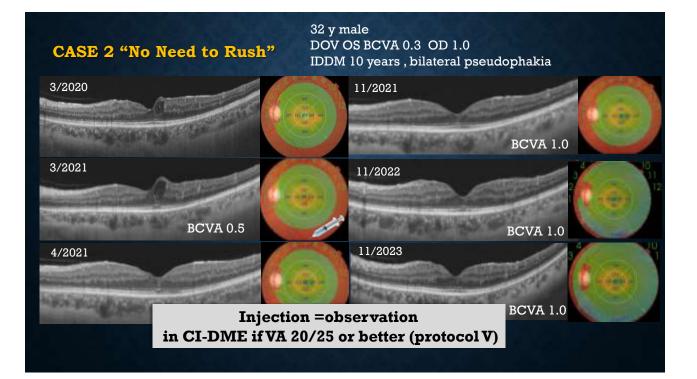




### CASE 2 "No Need to Rush"

32 y male DOV OS BCVA 0.3 OD 1.0 IDDM 10 years , bilateral pseudophakia





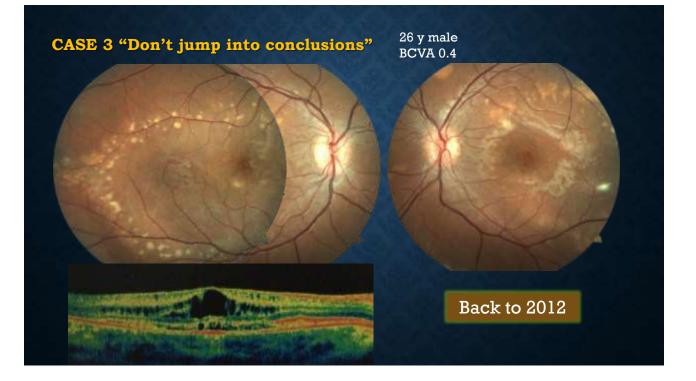
#### CASE 3 "Don't jump into conclusions"

26 y male Progressive DOV OU of 6 years duration BCVA 0.4 Received 2 AntiVGEF injections and intravitreal steroid 2 years ago elsewhere

10







#### CASE 3 "Don't jump into conclusions"

26 y male BCVA 0.4 Abnormal EOG prolonged dark adaptation time

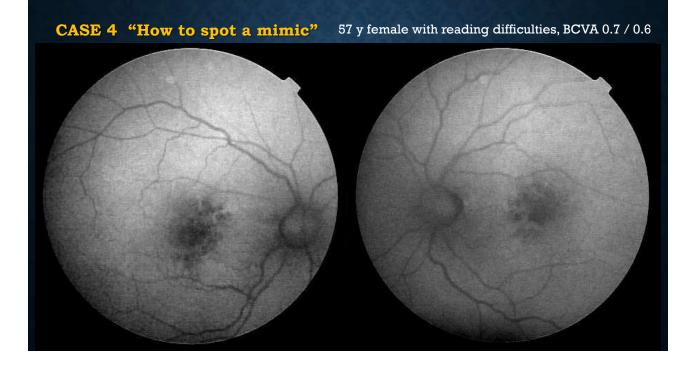


## CASE 4 "How to spot a mimic"

57 y female with reading difficulties, BCVA 0.7 / 0.6





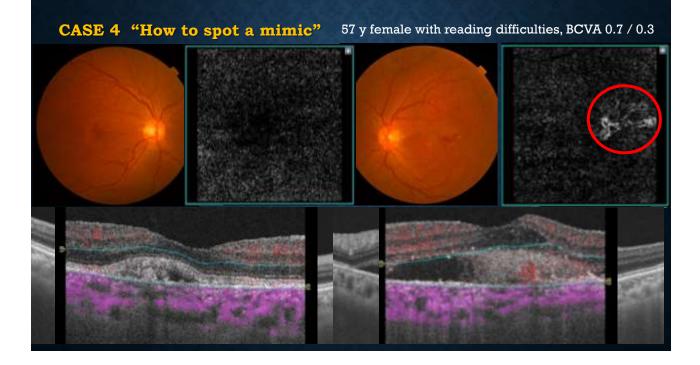


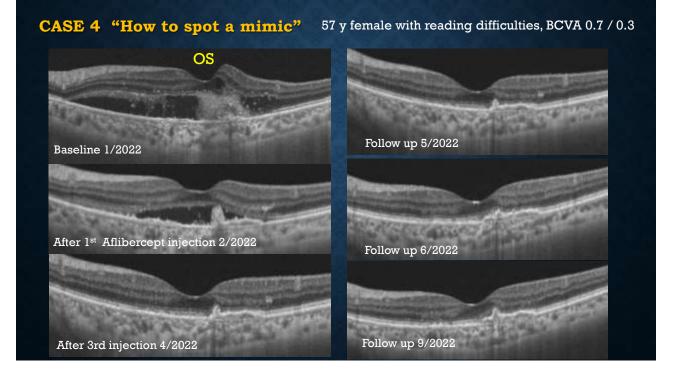


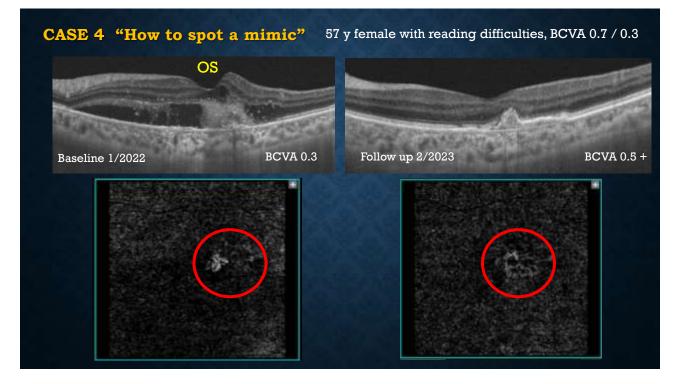
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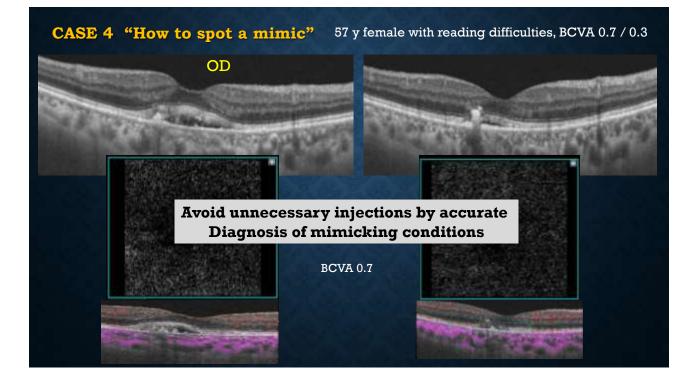












## TAKE HOME MESSAGE

"Decision Making"

Accurate baseline diagnosis (plan course of ttt & evaluate prognosis)

"Optimizing Safety and therapeutic outcome"

Individualization & Customization of ttt for each patient.

