

# Injectable Medications for Retinal Disease

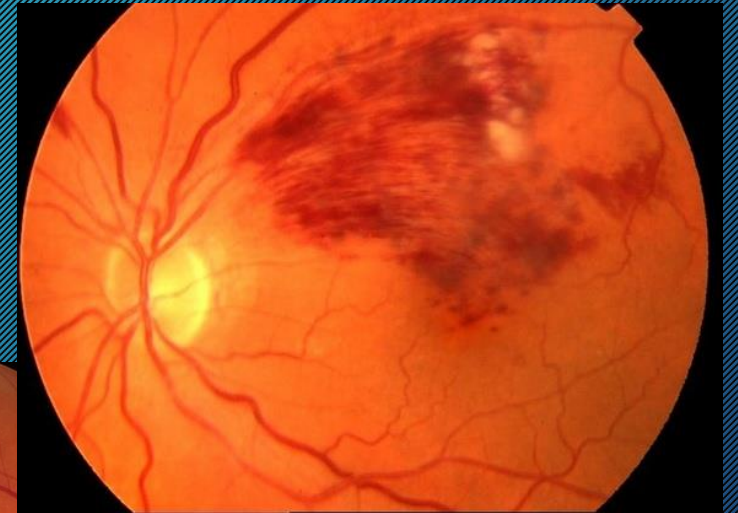
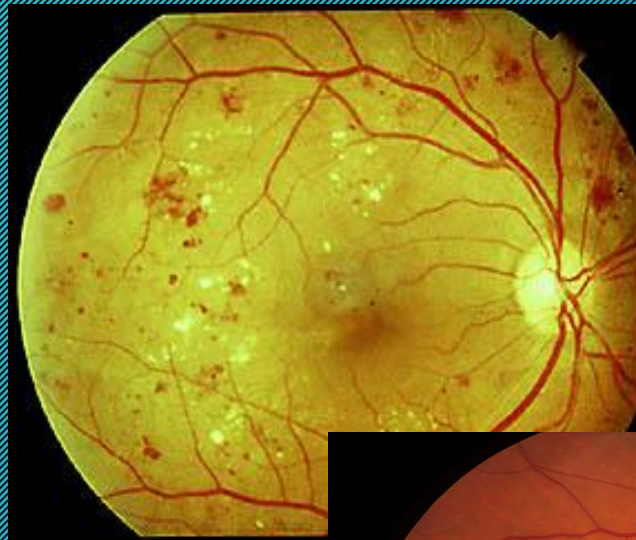
Khuram “Ali” Khan, M.D.



**Germantown** Retina

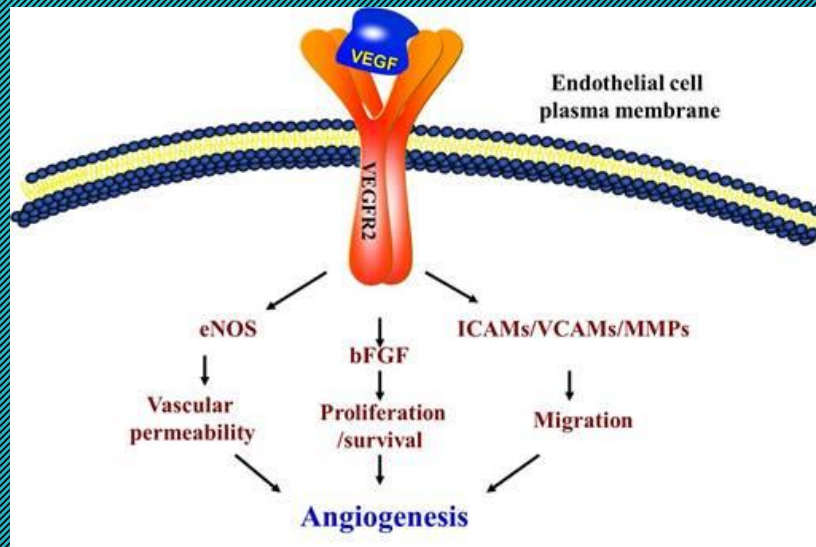
# Common Retinal Diseases

- Diabetic Retinopathy
- Wet Macular Degeneration
- Retinal Vein Occlusion



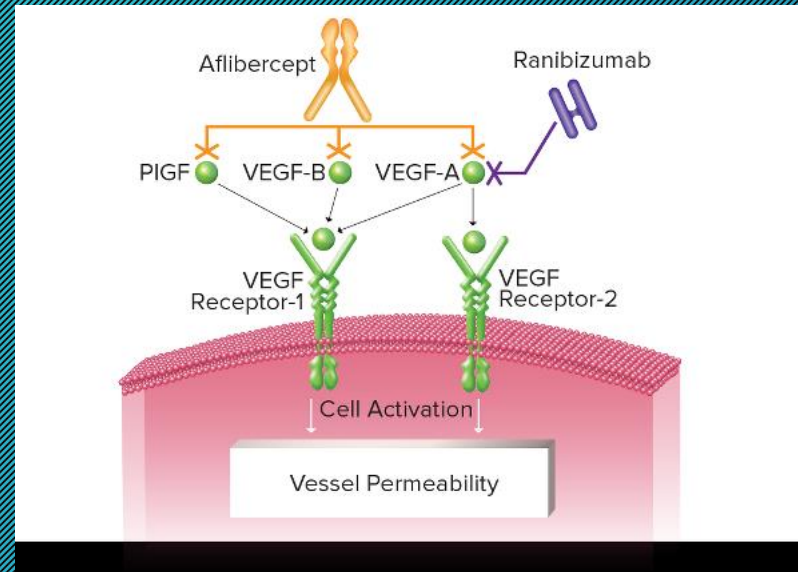
# Pathophysiology

- Damage to Blood Vessels - Vascular Permeability
- Neovascularization
- High Levels of VEGF (Vascular Endothelial Growth Factor)

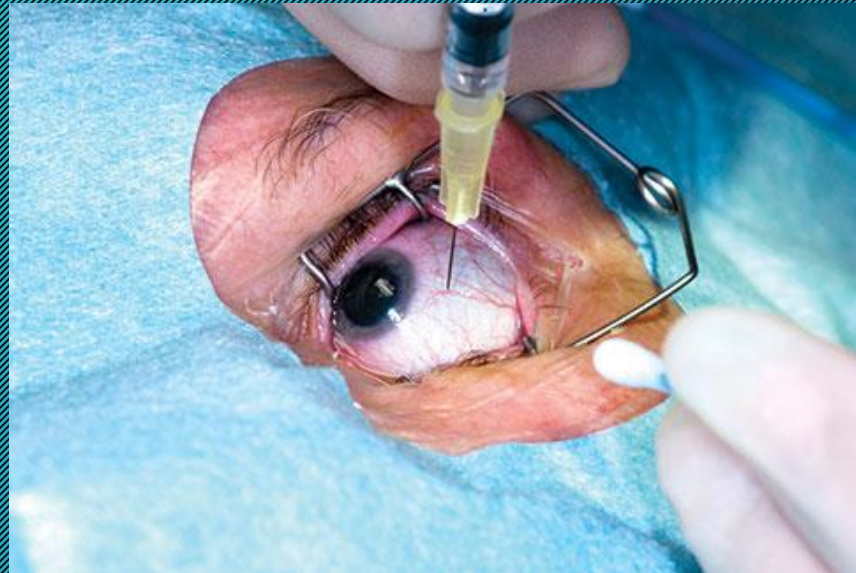


# Anti-VEGF Medications

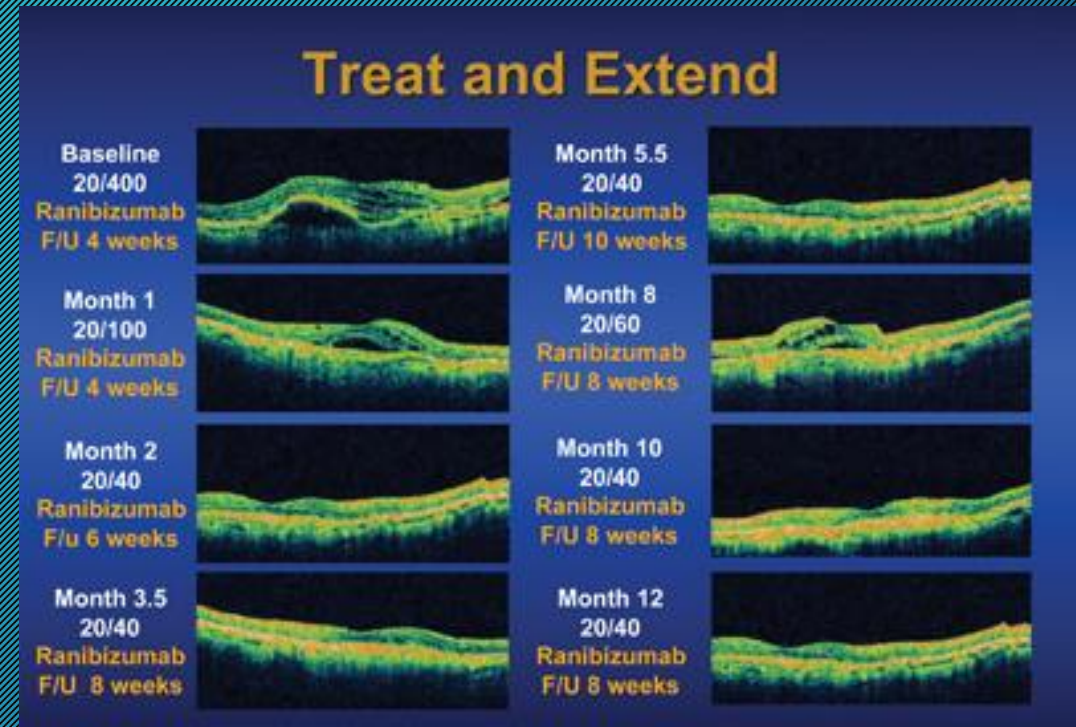
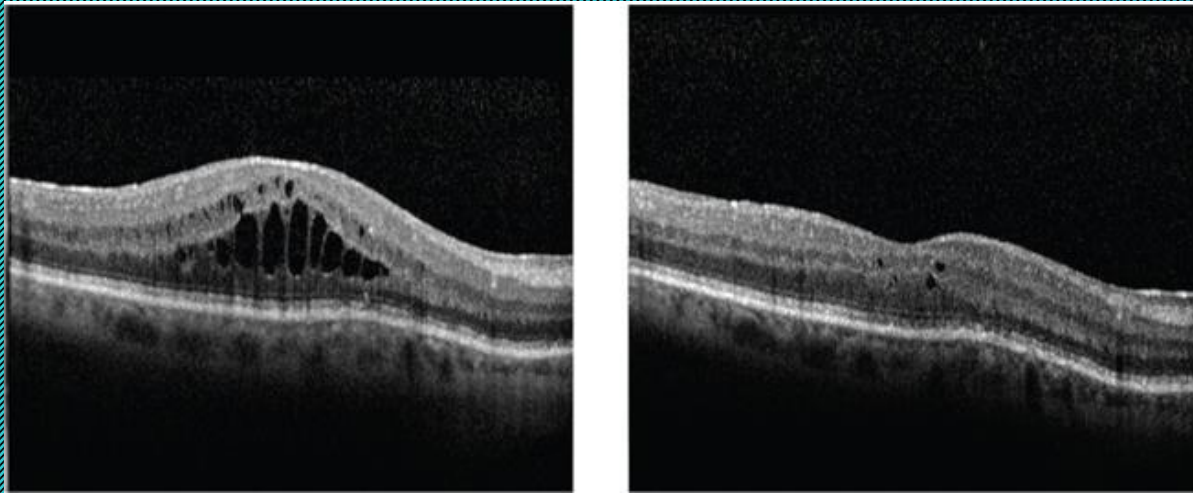
- Macugen (pegaptanib)
- Avastin (bevacizumab)
- Lucentis (ranibizumab)
- Eylea (aflibercept)



# Intravitreal Injection



# Treatment Effect



# Patient Response



# Thank You

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