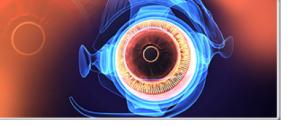
# **SEEING EYE TO EYE:**

An Ophthalmology-Primary Care Collaboration Emphasizing the Importance of Screening and Early Diagnosis of Retinopathy in Patients with Diabetes



#### CLINICAL CONVERSATIONS EXCHANGE

Welcome to the pre-program component of *Seeing Eye to Eye: An Ophthalmology-Primary Care Collaboration Emphasizing the Importance of Screening and Early Diagnosis of Retinopathy in Patients with Diabetes.* In this brief activity, you will be presented with Points to Ponder, dynamic animations investigating the role of vascular endothelial growth factor (VEGF) in the development and progression of DR as well as the potential impact that DR and related treatment can have on vision, and a clinical primer on foundational elements of retinopathy to prepare you for a dynamic, interactive clinical workshop experience.

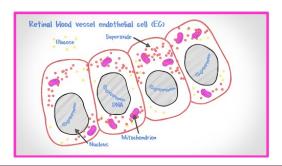
## **POINTS TO PONDER**

- 1. What systemic comorbidities can be risk factors for retinopathy development and progression?
- 2. Are you able to name some potential barriers to retinopathy screening that patients may have?
- Can barriers to screening be overcome with technology?
- 4. What is the impact on vision with early detection and timely intervention of retinopathy?
- 5. How can Ophthalmology and Primary Care come together for comprehensive retinopathy management?

## **ANIMATIONS**

Click on each image to view

Inflammatory and VEGF pathways leading to the development of DR





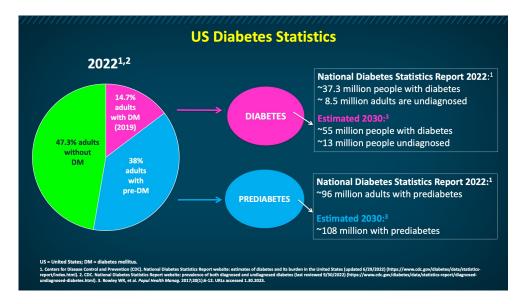
Visual experience of the diabetic retinopathy patient

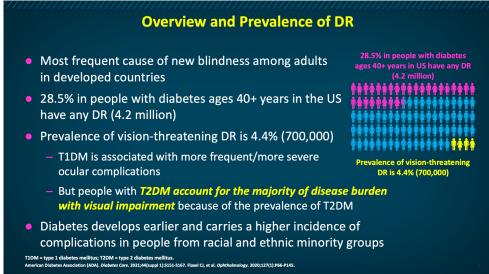


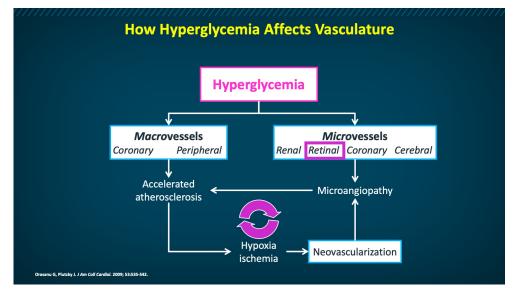


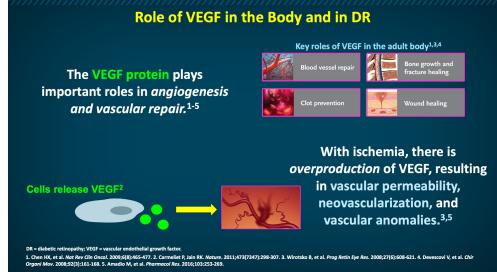


This activity is provided by Med Learning Group and dkbmed.



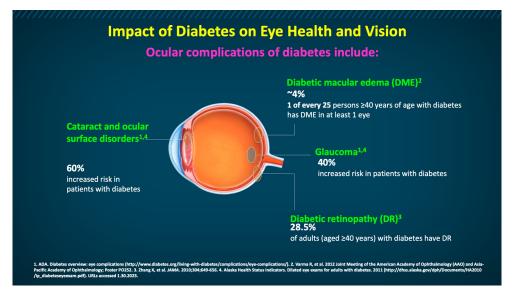


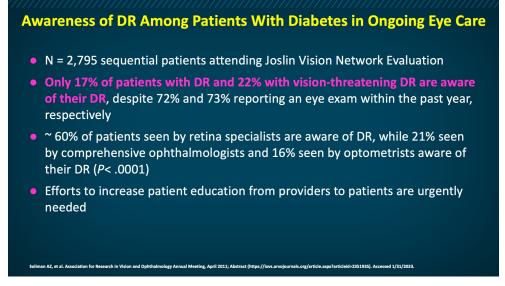


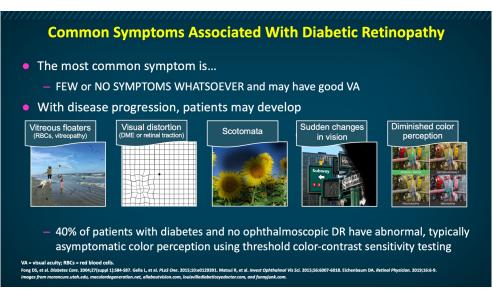


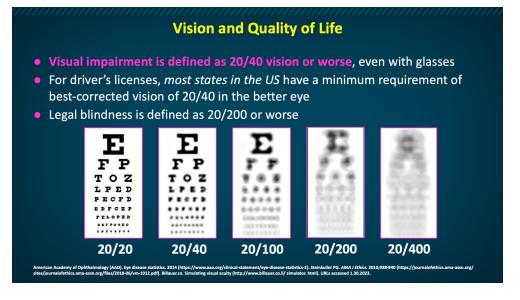
















### **Initial Management Recommendations for Patients With Diabetes**

Diabetic Retinopathy Fleierieu Flactice Fattern					
Severity of retinopathy	Presence of macular edema	Follow-up (months)	Panretinal photocoagulation (scatter) laser	Focal and/or grid laser*	Intravitreal anti- VEGF therapy
Normal or minimal NPDR	No	12	No	No	No
Mild NPDR	No	12	No	No	No
	NCI-DME	3-6	No	Sometimes	No
	CI-DME	1	No	Rarely	Usually
Moderate NPDR	No	6-12	No	No	No
	NCI-DME	3-6	No	Sometimes	Rarely
	CI-DME	1	No	Rarely	Usually
Severe NPDR	No	3-4	Sometimes	No	Sometimes
	NCI-DME	2-4	Sometimes	Sometimes	Sometimes
	CI-DME	1	Sometimes	Rarely	Usually
Non-high-risk PDR	No	3-4	Sometimes	No	Sometimes
	NCI-DME	2-4	Sometimes	Sometimes	Sometimes
	CI-DME	1	Sometimes	Sometimes	Usually
High-risk PDR	No	2-4	Recommended	No	Sometimes
	NCI-DME	2-4	Recommended	Sometimes	Sometimes
	CI-DME	1	Recommended	Sometimes	Usually

NPDR = nonproliferative diabetic retinopathy; PDR = proliferative diabetic retinopathy; NCI-DME = non-center-involved diabetic macular edema; CI-DME = center-involved diabetic macular edema Flaxel CJ, et al. Ophthalmology. 2020;127(1):P66-P145.

