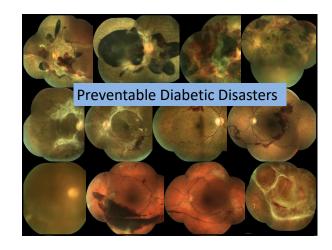


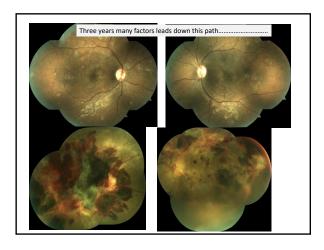


Learning Objectives

At the end of the session, attendees should be able to:

- To review demography and pathophysiology of diabetes and diabetic retinopathy
- 2. To review classification of diabetic retinopathy
- 3. To discuss appropriate follow-up intervals and indications for medical and/or surgical intervention for diabetic retinopathy
- 4. To review the common pitfalls preventing appropriate eye care in patient populations
- To provide guidelines for proper patient education and communication with patients as well as other healthcare providers to improve overall disease outcomes
- To exhibit case examples of very advance cases to demonstrate the catastrophic nature of neglected diabetic retinopathy as compared to successfully followed and managed patients

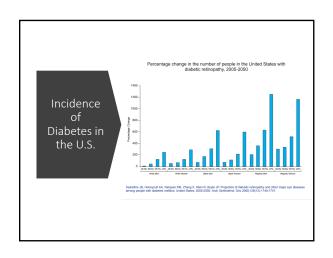


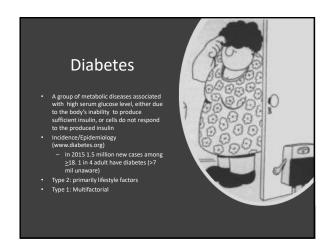


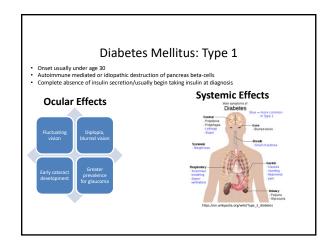
Mechanism of Retinal Vascular Disorders

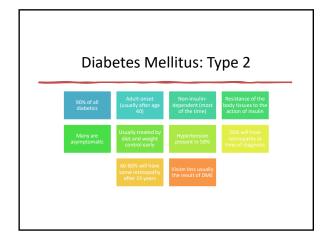
- Conditions that physically alter blood vessels (Retina a/o choroid)
 - Locally or systemically
 - Arteriosclerosis
 - Atherosclerosis
- Conditions that effect hemodynamics
 - Systemic hypertension
- Conditions that alter blood chemistry
- Conditions that do some or all of the above

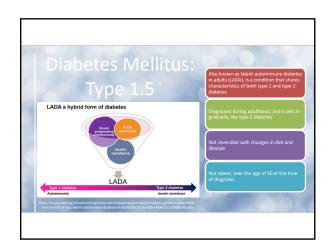
Diabetes Mellitus • Background • The diabetes epidemic is a global threat, with the number expected to rise to a staggering 350 million affected individuals by 2030 • Increased prevalence in those of non-white European descent • Greatest prevalence in Native Americans, Asians/Pacific Islanders, Blacks, and Hispanics (order corresponds to degree of prevalence)

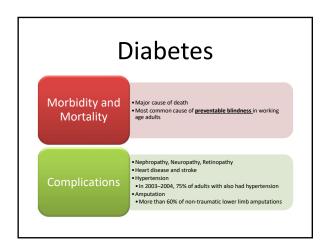


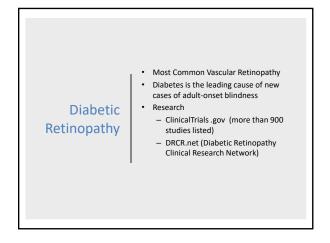


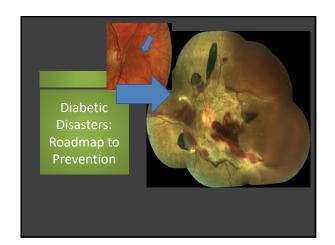


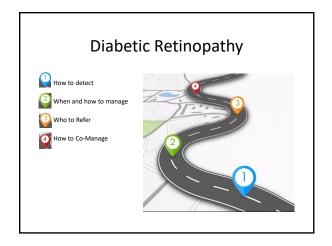


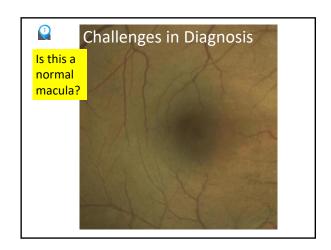


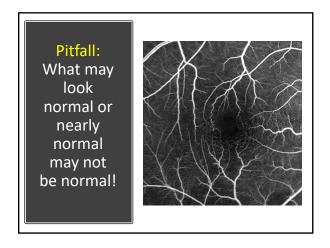


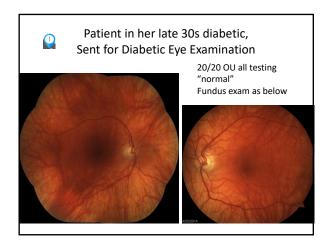


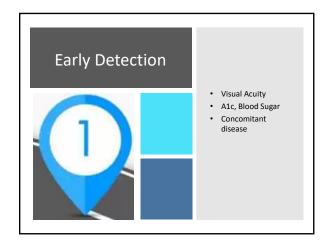


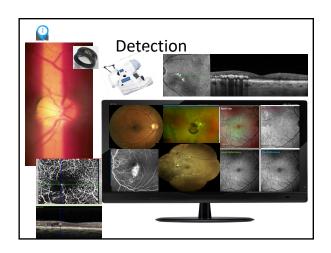


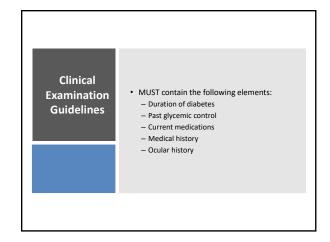


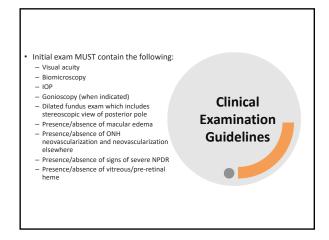


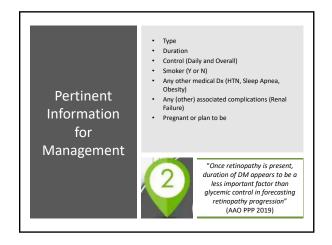




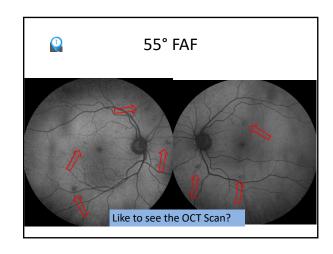


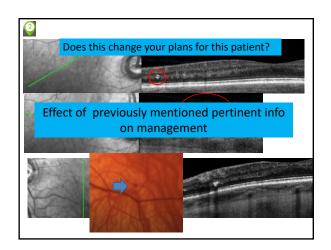


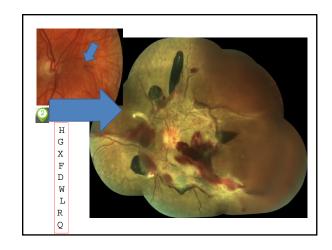


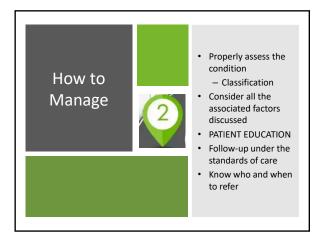


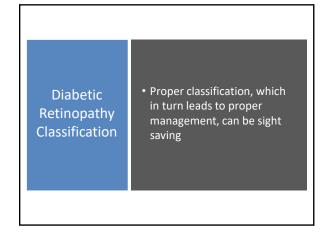


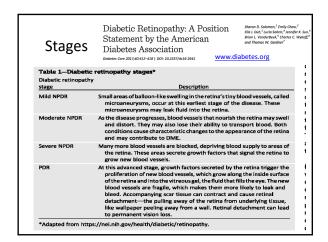


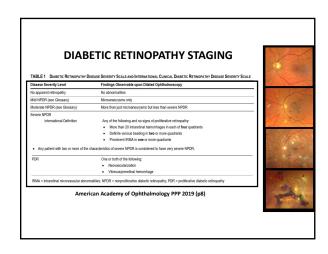


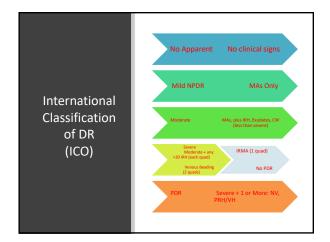


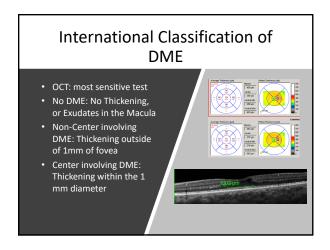


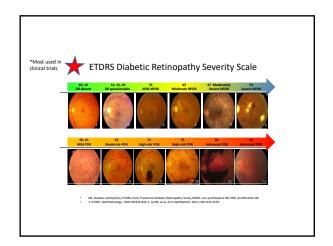


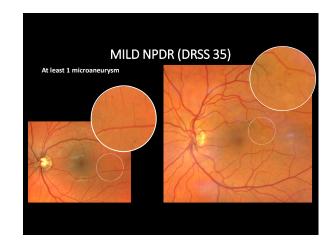


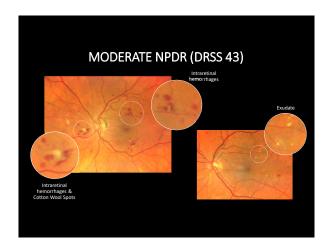


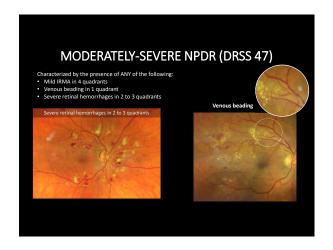


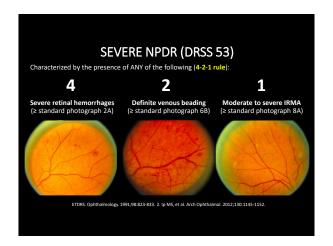


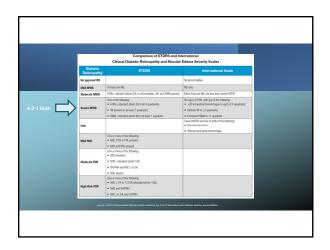


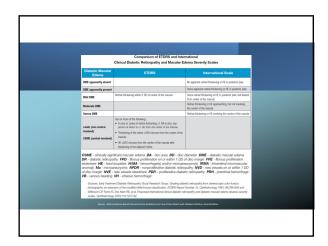


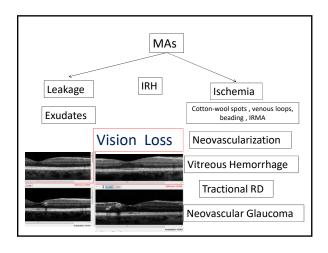


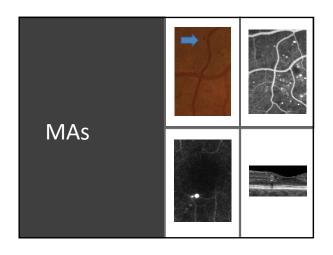


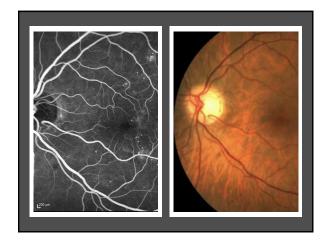


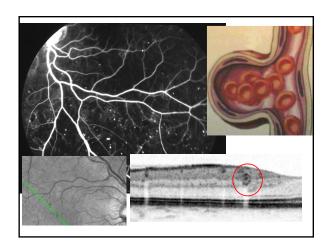


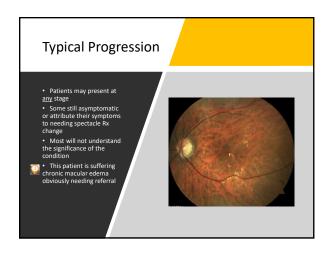


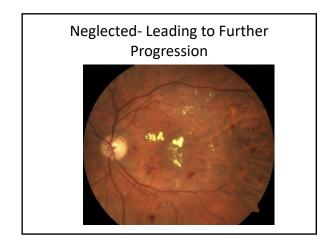


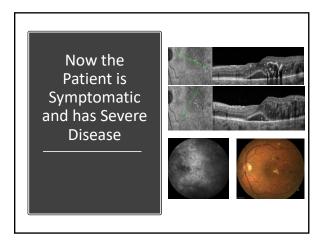


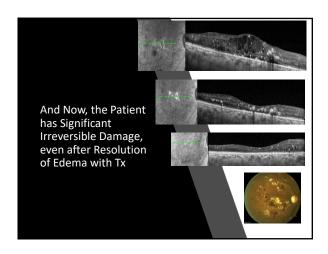


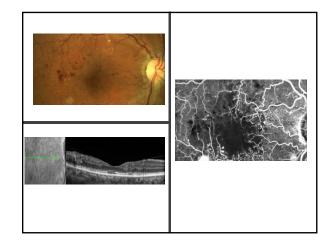


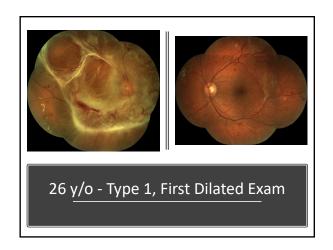


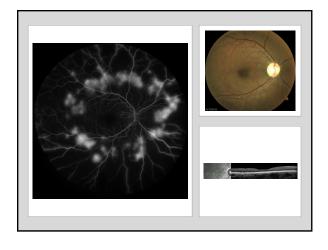


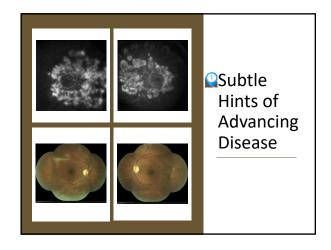


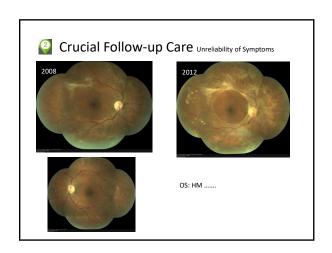


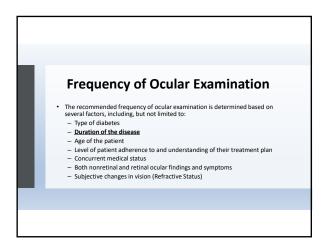


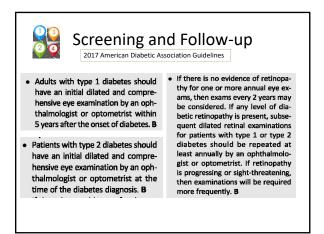


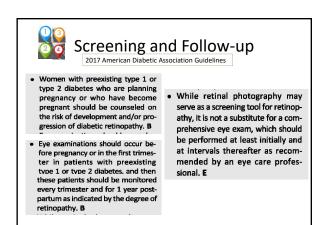


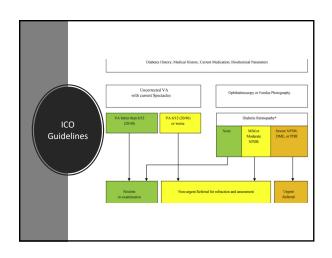


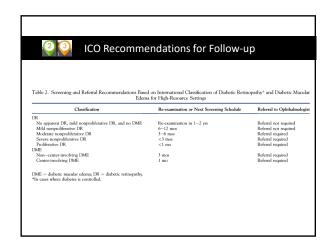


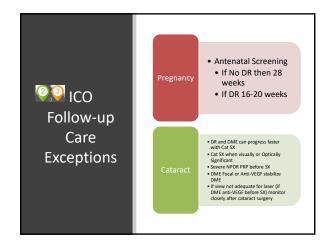


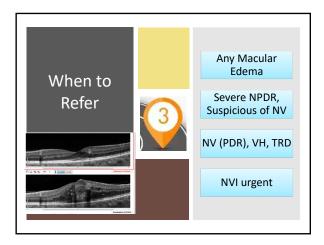


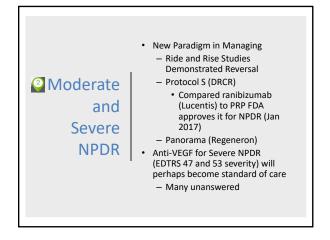


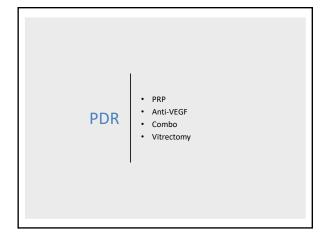


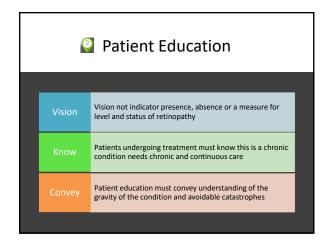


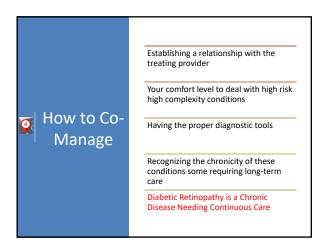


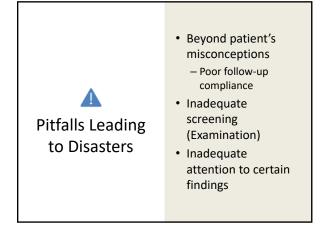


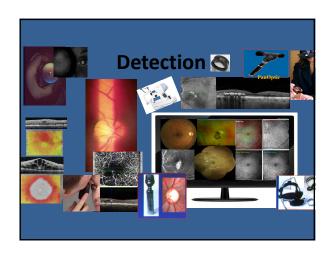


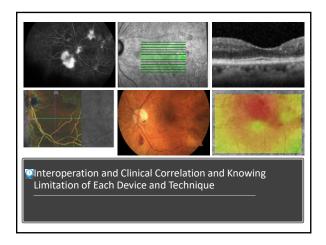


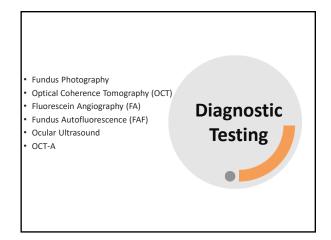


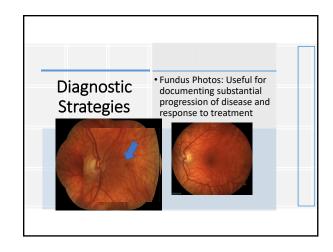


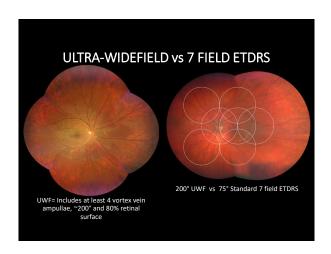


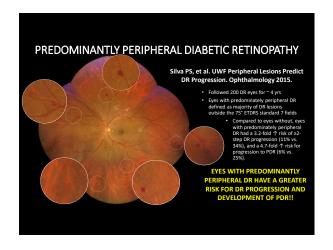


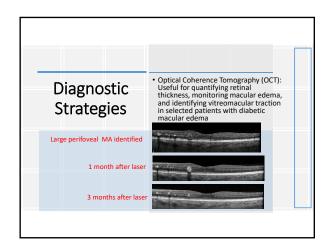


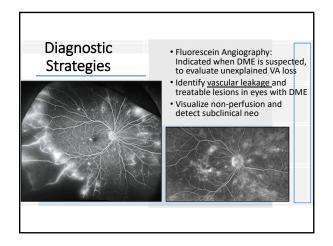


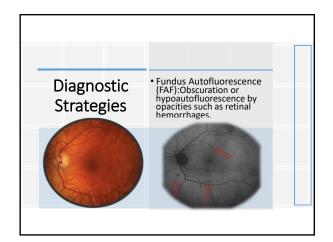


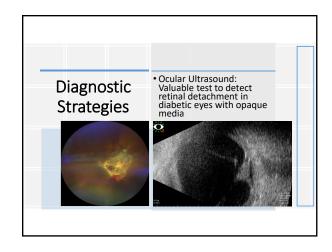


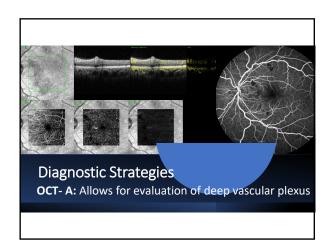


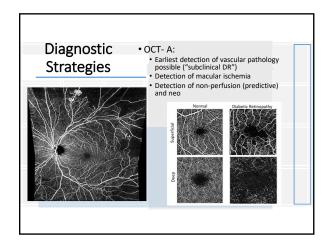


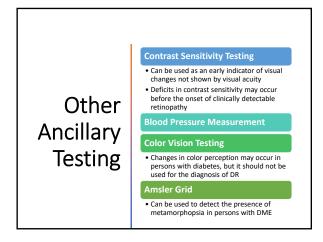


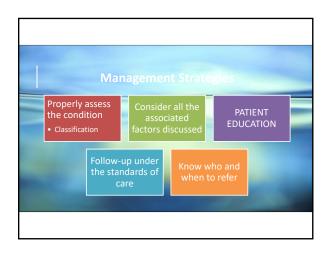


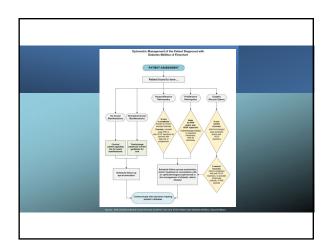


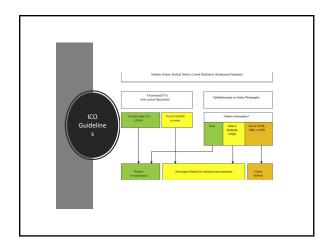


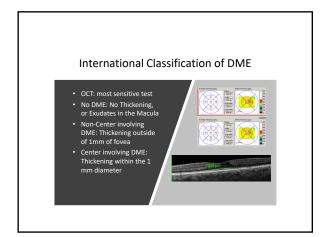


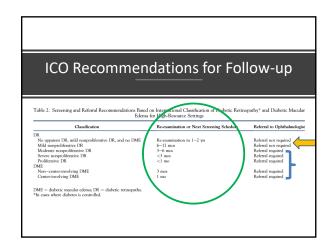


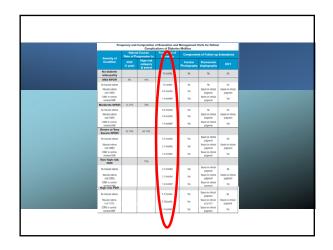


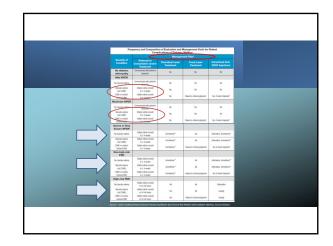


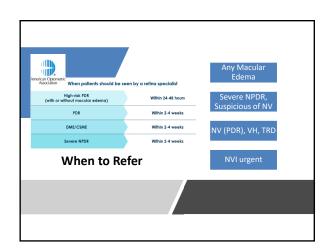


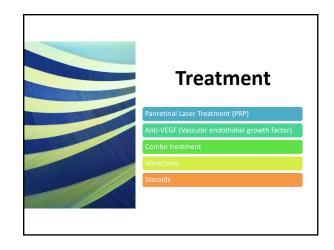


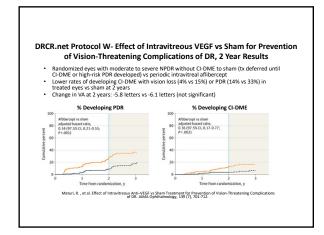




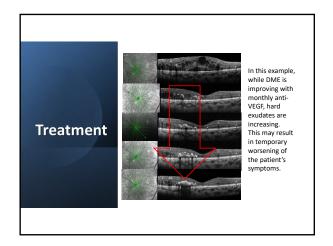




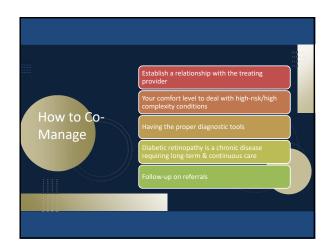


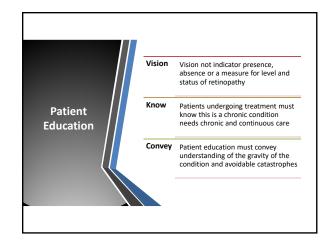


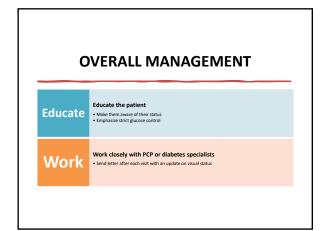


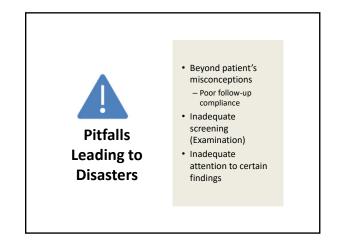


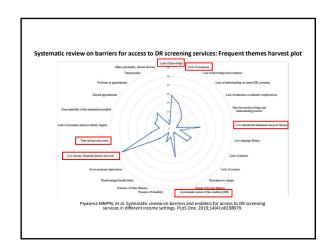


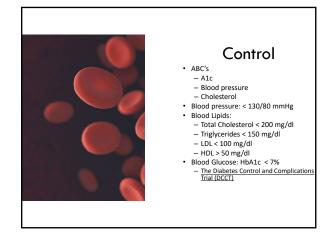


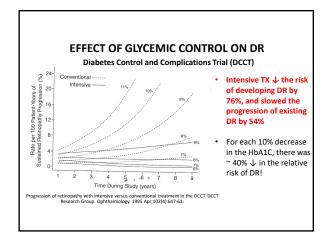














Bagheri, Nika, et al., editors. The Wills Eye Manual. 7th ed., Lippincott Williams and Wilkins, 2016. Baisoney, A. et al. "Effect of an Educational Intervention on Self-Care Endoughers and Care and Ca