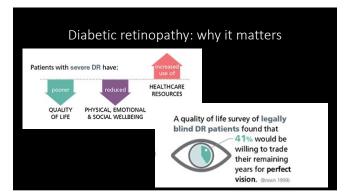


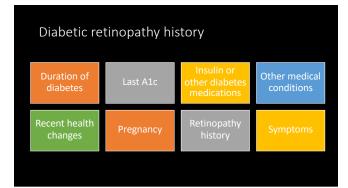
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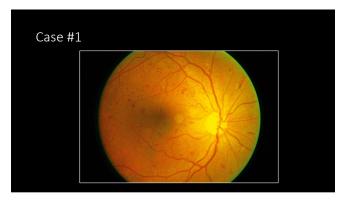
Case #1

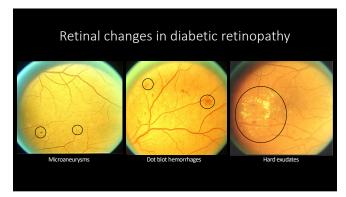
- A 54-year-old woman presents to clinic to establish care
- She has a history of diabetes, but it has been many years since her last eye exam
- What are some important questions you want to ask her?

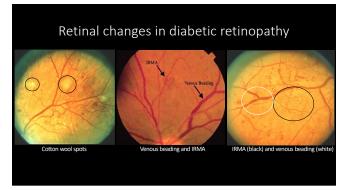
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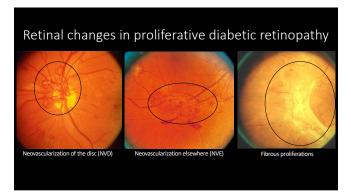


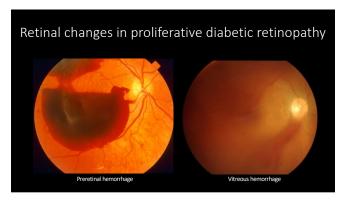
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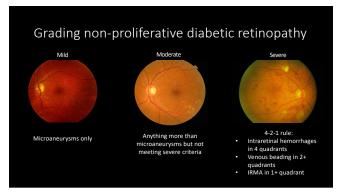


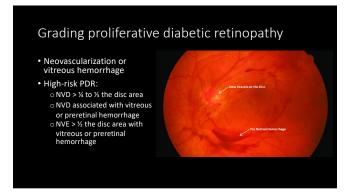












Diabetic macular edema (DME)

- Damage to blood vessels caused by diabetic changes causes them to leak
- Can occur in both NPDR and PDR
- Divided into center-involving DME and non-center involved DME based on location
- Best evaluated with OCT
- Main cause of visual impairment



16

Case #1

- What category does this patient fall into?
- What should be done next?



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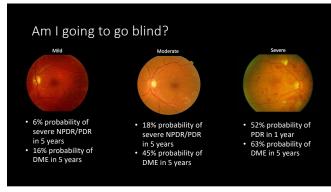
Treatment options: mild and moderate NPDR







IMPROVED BLOOD SUGAR CONTROL IMPROVED BLOOD PRESSURE CONTROL REGULAR EYE EXAMS

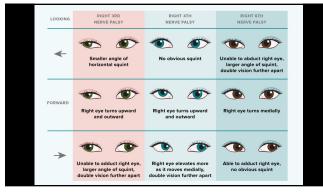


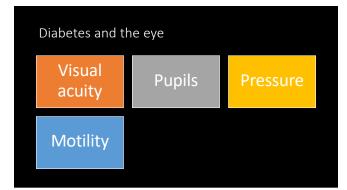
Case #2

- A 64-year-old man presents for a new patient appointment with 3 weeks of blurred vision in the left eye.
- Was told many years ago that he had "diabetes in the eye"
- Last A1c is 10.1%, recently started insulin
- History of high blood pressure, high cholesterol, and obesity
- Is this from his diabetic retinopathy? What other parts of the eye can be affected in diabetes?

20

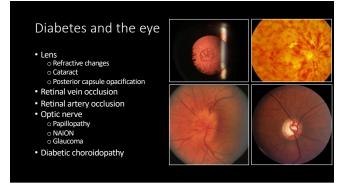
Visual acuity

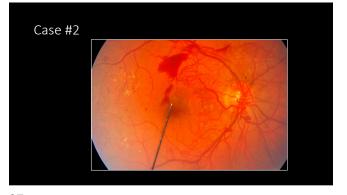




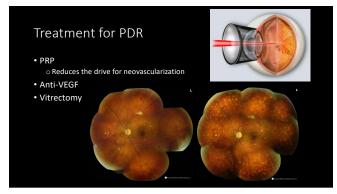


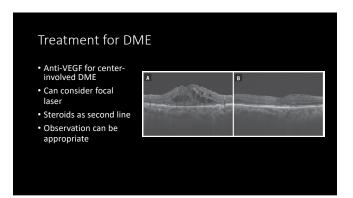




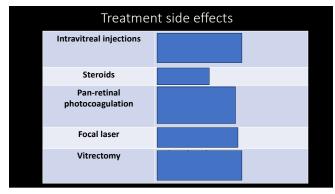


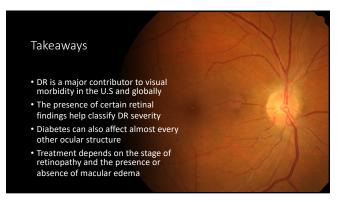
Severity of Retinopathy	Presence of Macular Edema	Follow-up (Months)	Panretinal Photocoagulation (Scatter) Laser	Focal and/or Grid Laser*	Intravitreal Anti- VEGF Therapy
Normal or minimal NPDR	No	12	No	No	No
Mild NPDR	No	12	No	No	No
	NCI-DME	3-6	No	Sometimes	No
	CI-DME'	1*	No	Rarely	Usually
Moderate 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	1*	Sometimes	Rarely	Usually
Non-high-risk PDR	No	3-4	Sometimes	No	Sometimes
	NCI-DME	2-4	Sometimes	Sometimes	Sometimes
	CI-DME ¹	1*	Sometimes	Sometimes	Usually
High-risk PDR	No	2-4	Recommended	No	Sometimes95,188
	NCI-DME	2-4	Recommended	Sometimes	Sometimes
	CI-DME ¹	1*	Recommended	Sometimes	Usually











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