

Branch Retinal Artery Ischemia

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Retina Society 2020
Virtual Meeting
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Disclosures

Allergan (C)

Alimera (C)

Carl Zeiss Meditec (C)

Clearside Biomedical (R)

Genentech (R,C)

Iridex (R, C)

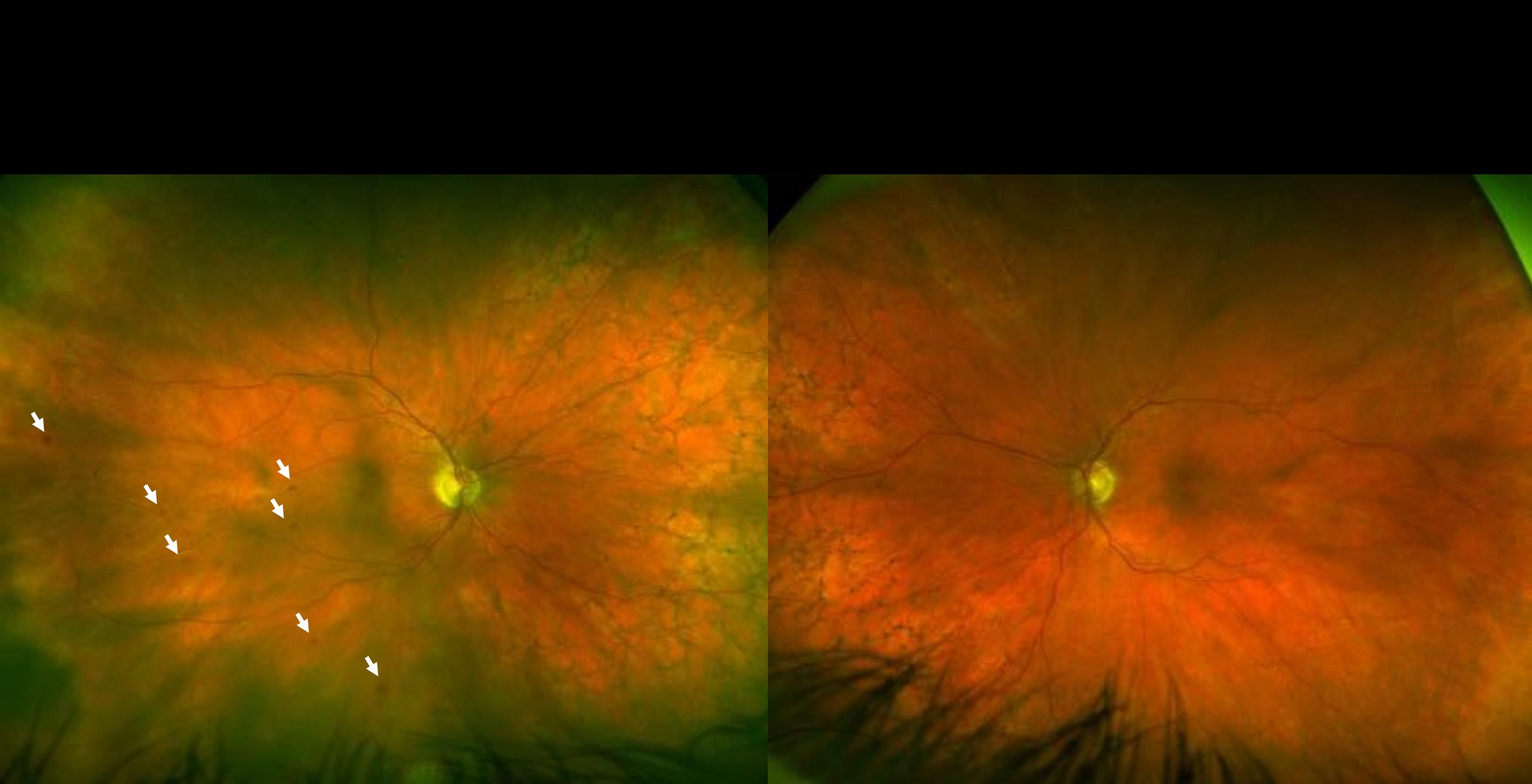
Verily (C)

Clinical Presentation

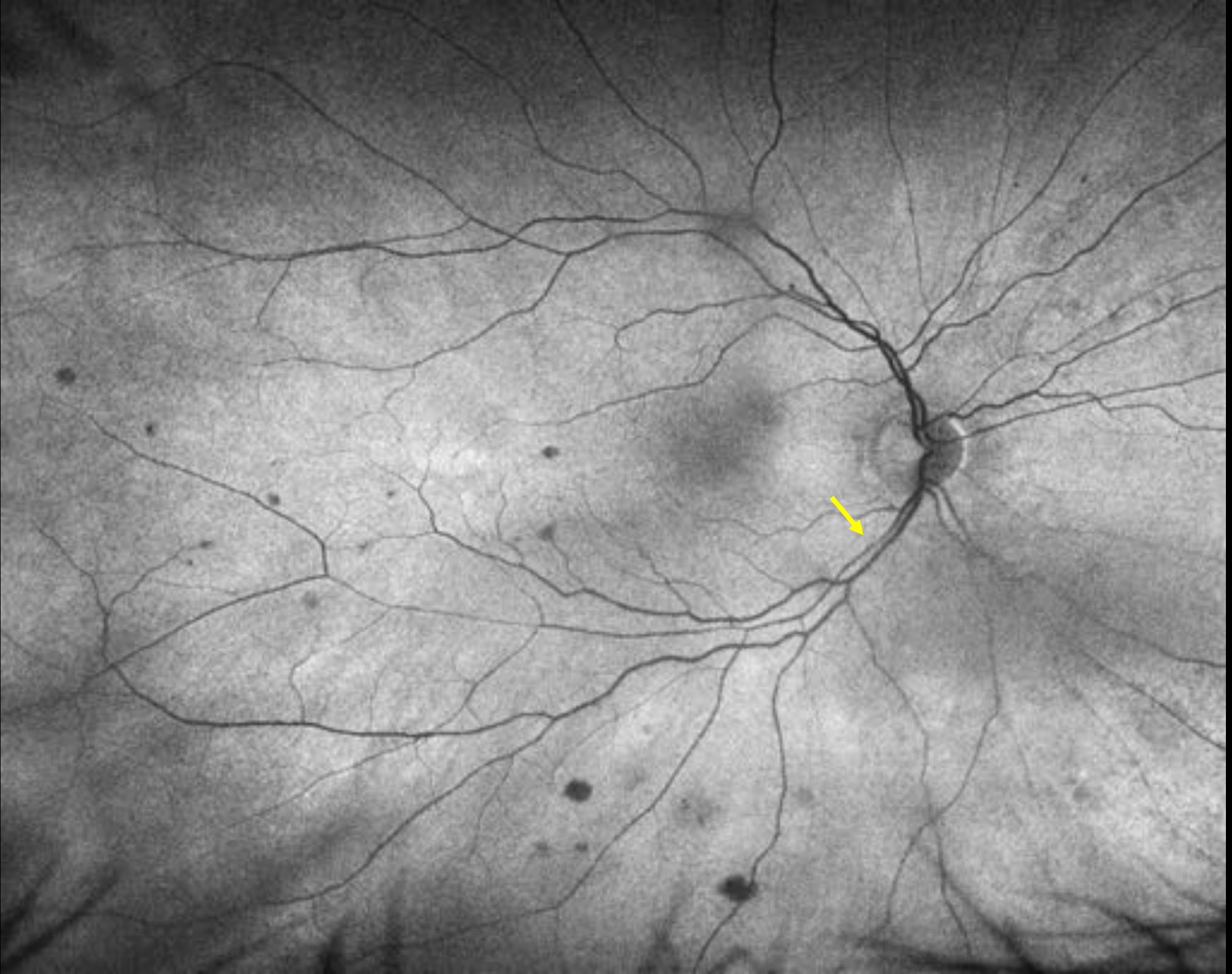
UCDAVIS
EYE CENTER

79 yo man referred for asymmetric diabetic retinopathy

- Found on routine eye exam; asymptomatic
- Type 2 diabetes mellitus, last A1c 6.8 (5 months ago)
- History of right carotid endarterectomy (2 years ago), last carotid U/S patent (1 mo ago)
- **OD** 20/20 14 mmHg
- **OS** 20/20 18 mmHg

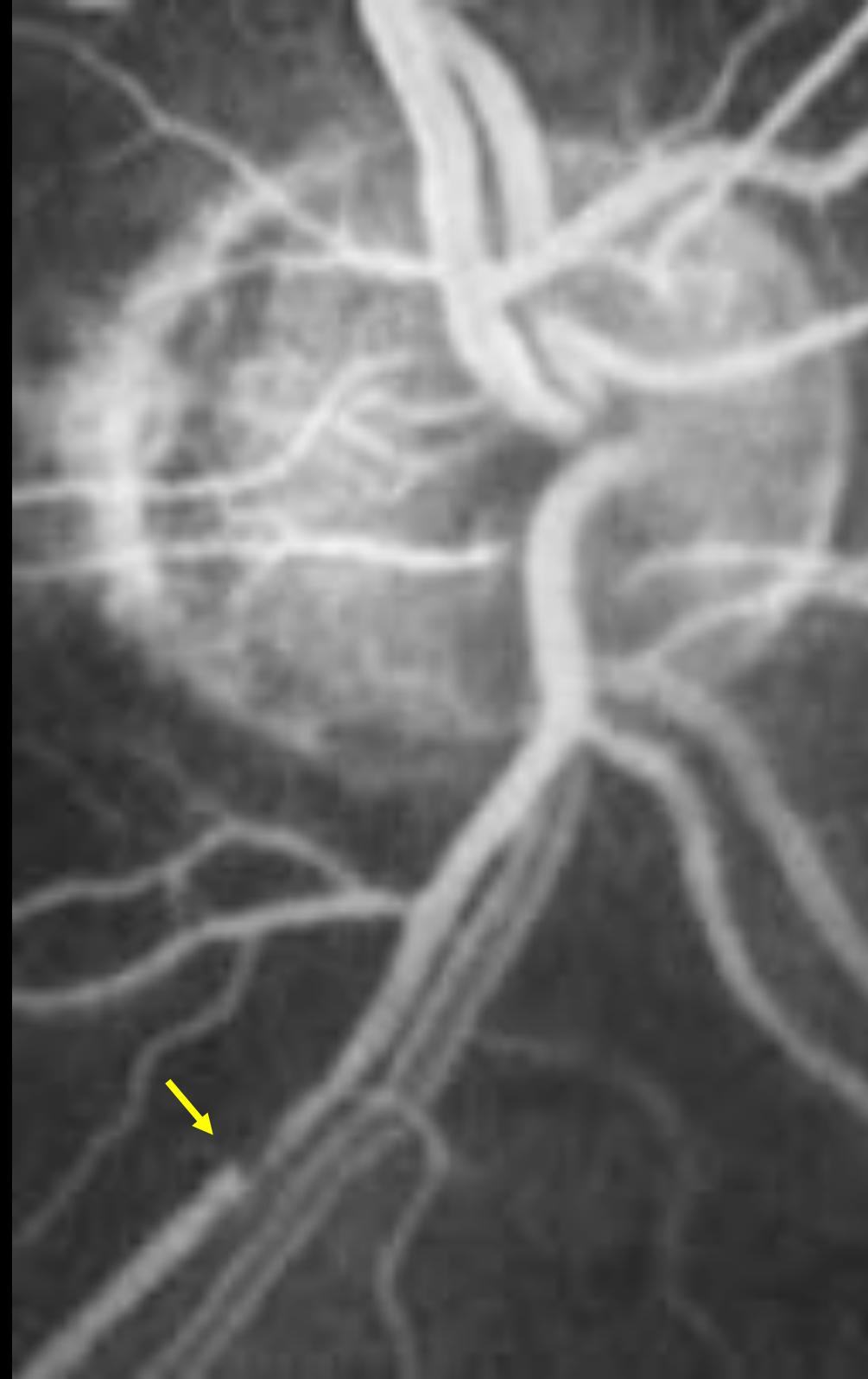














Branch Retinal Artery Ischemia?

BRAO	BRVO	<u>BRAI</u>	OIS
			
acute	acute		
+/- Hollenhorst plaque	usu. A-V crossing		
sectoral	sectoral		
retinal whitening	flame hemorrhages, cotton-wool spots		
no tortuosity	+ venous tortuosity		

Presentation

3 months



BCVA 20/20

Presentation

6 months



BCVA 20/20

Presentation

12 months

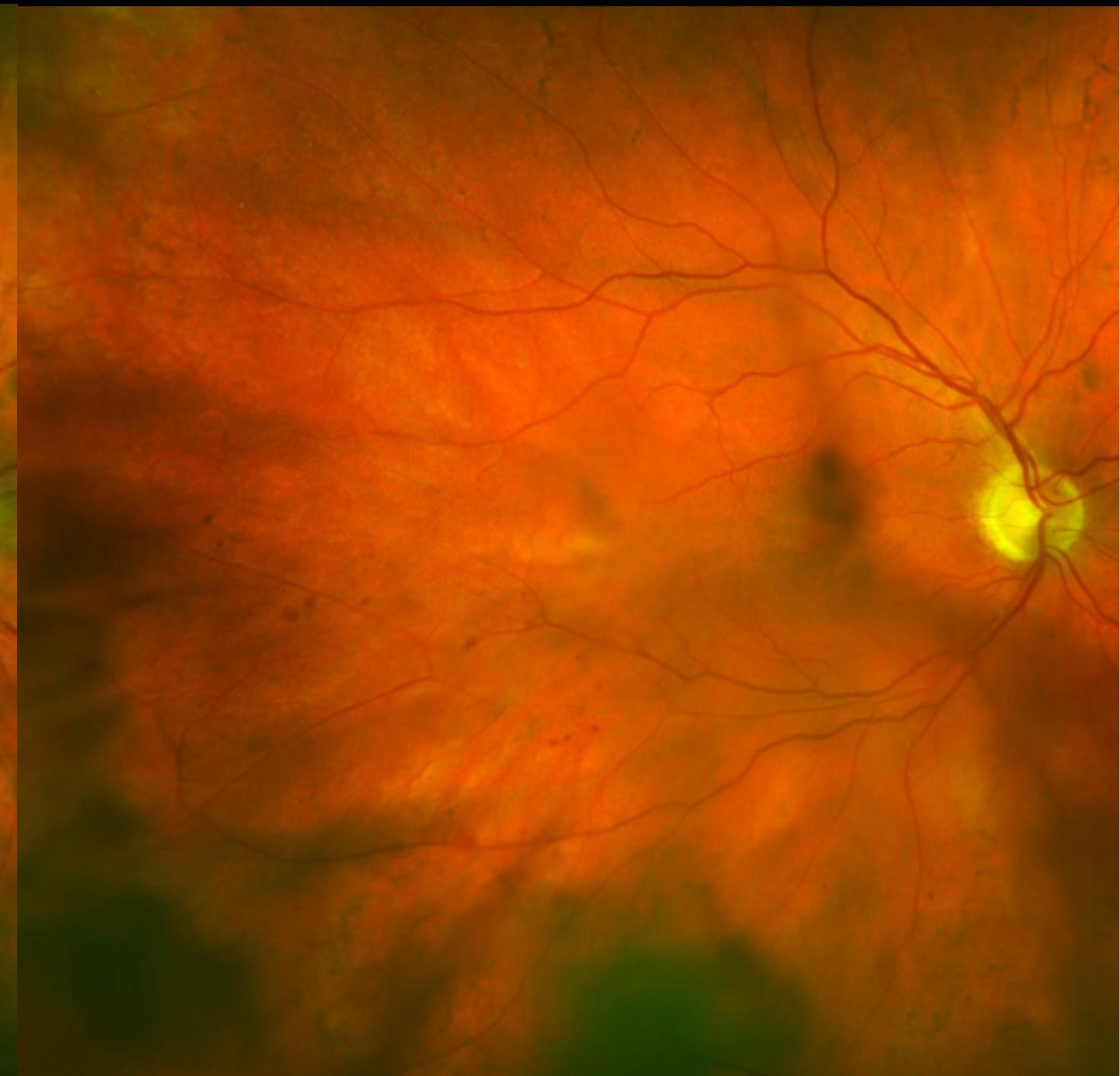


BCVA 20/20

Presentation

18 months

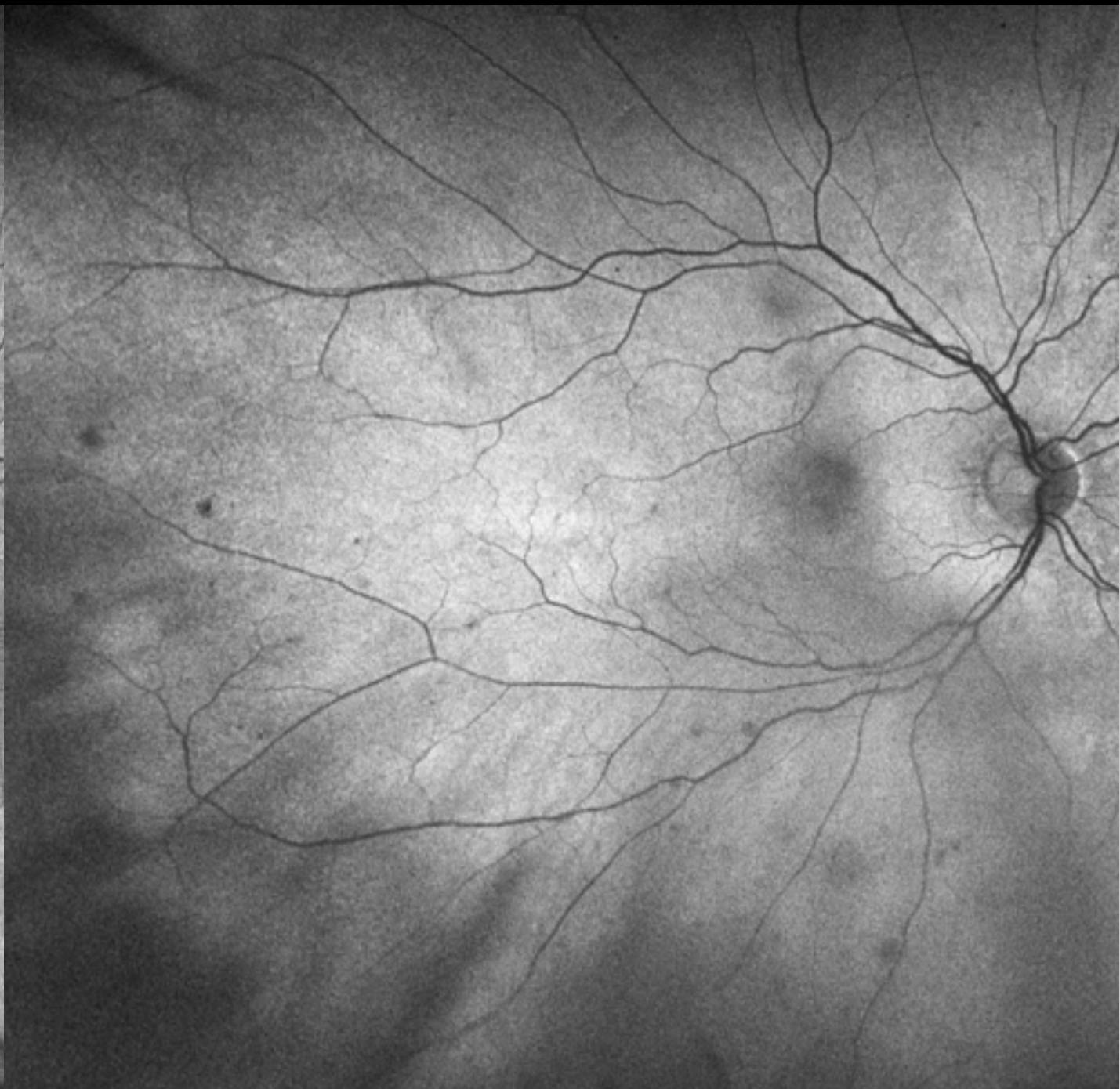
BCVA 20/20



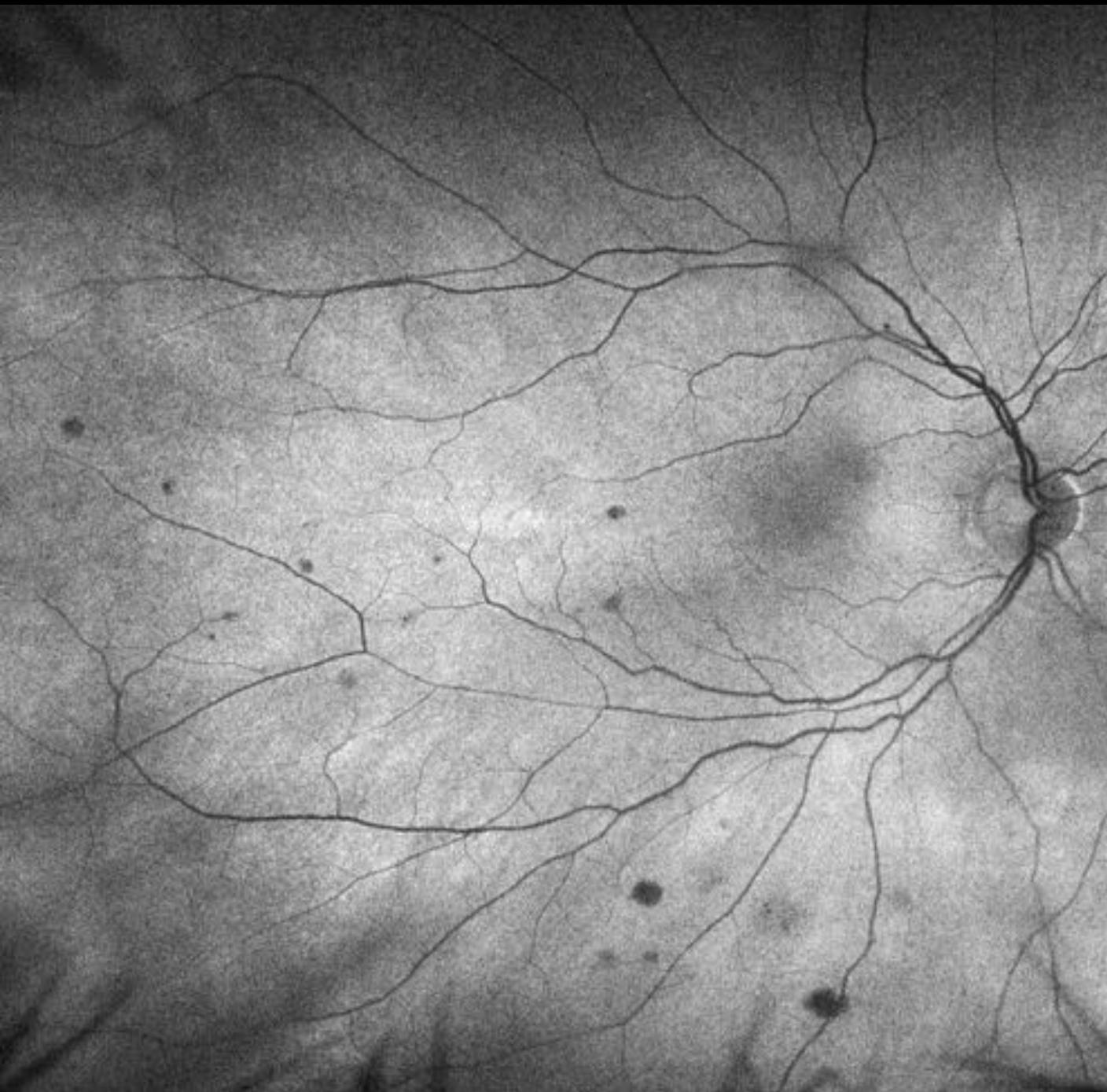
Presentation



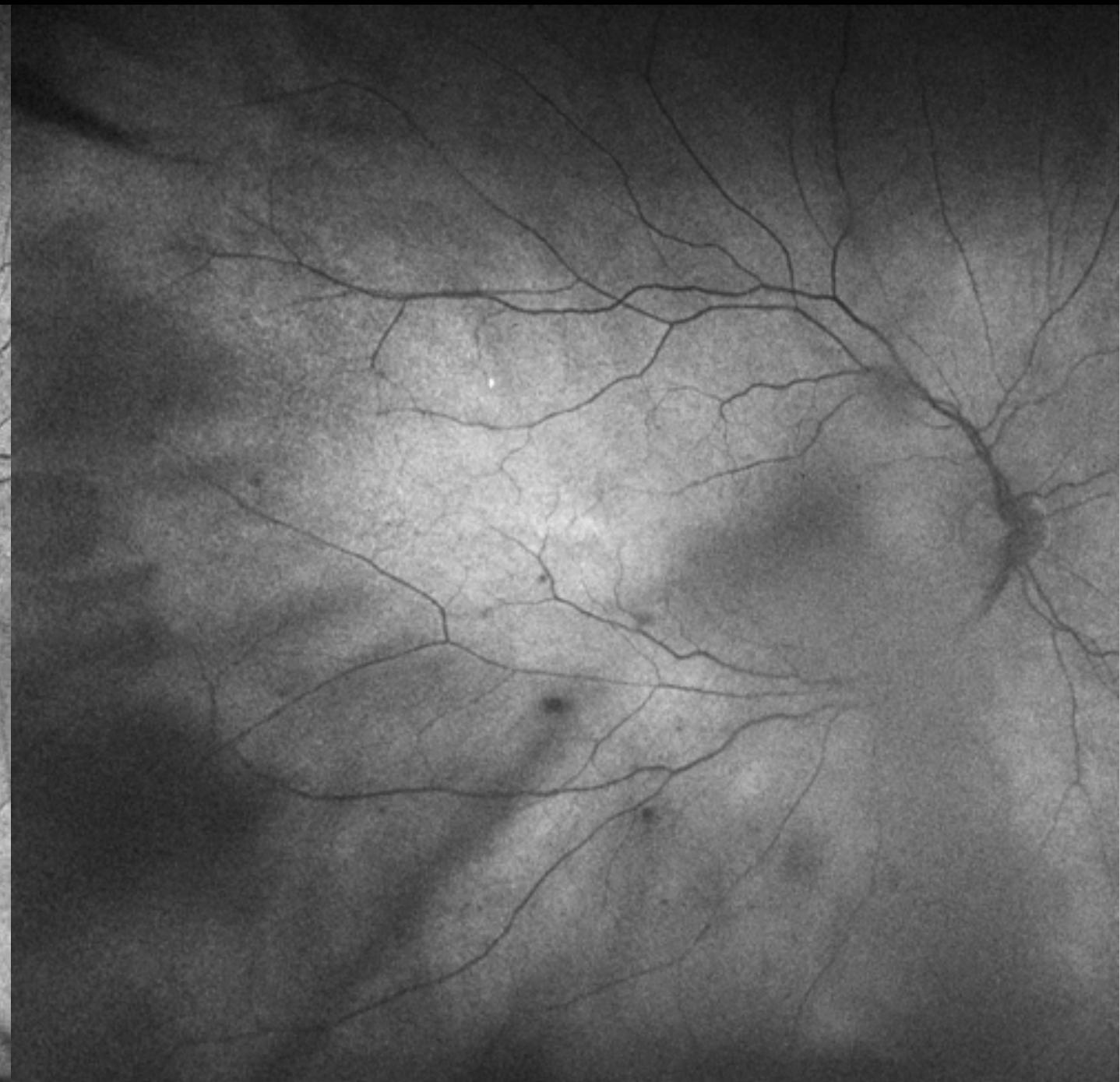
3 months



Presentation



6 months



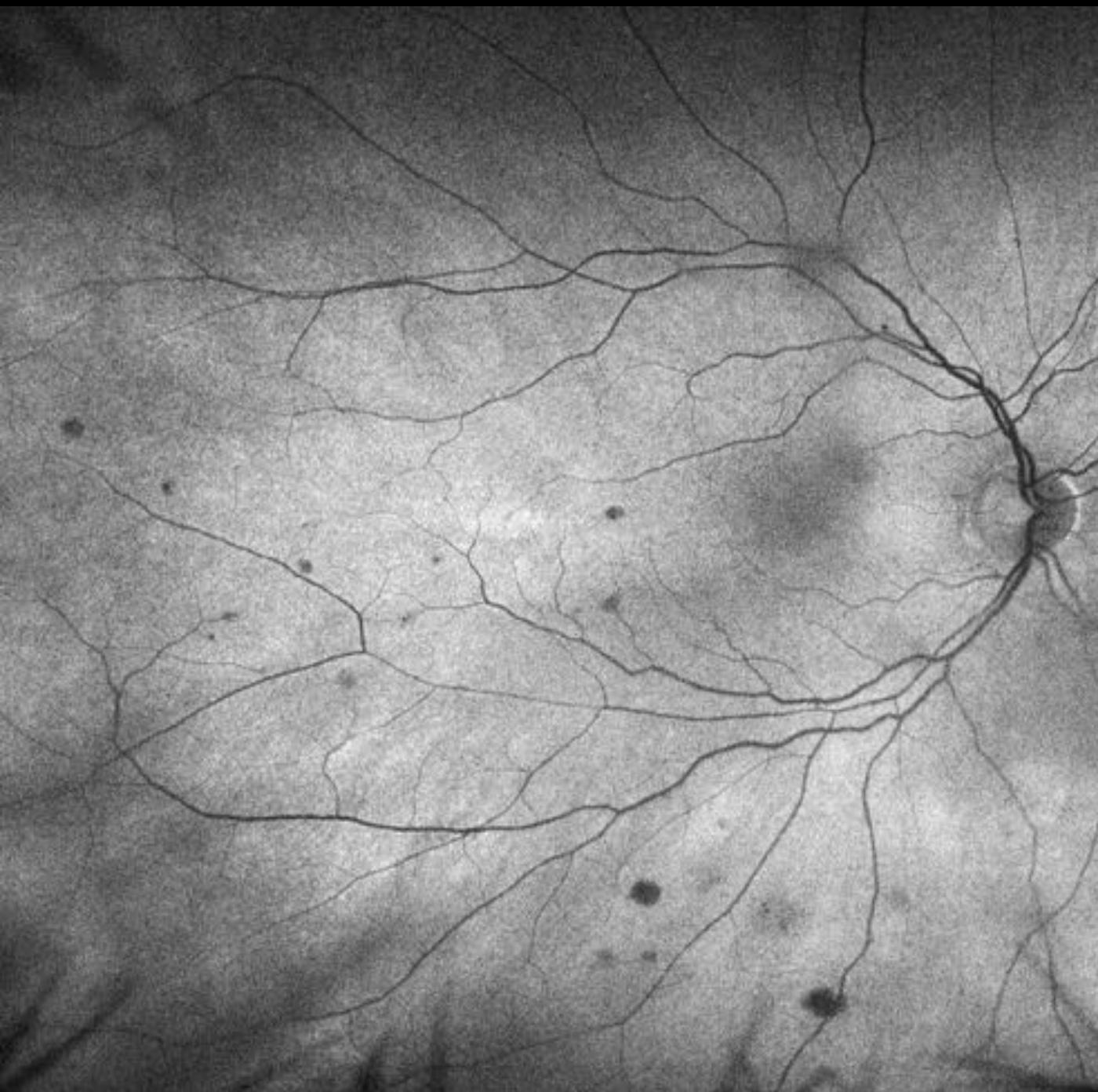
Presentation



12 months



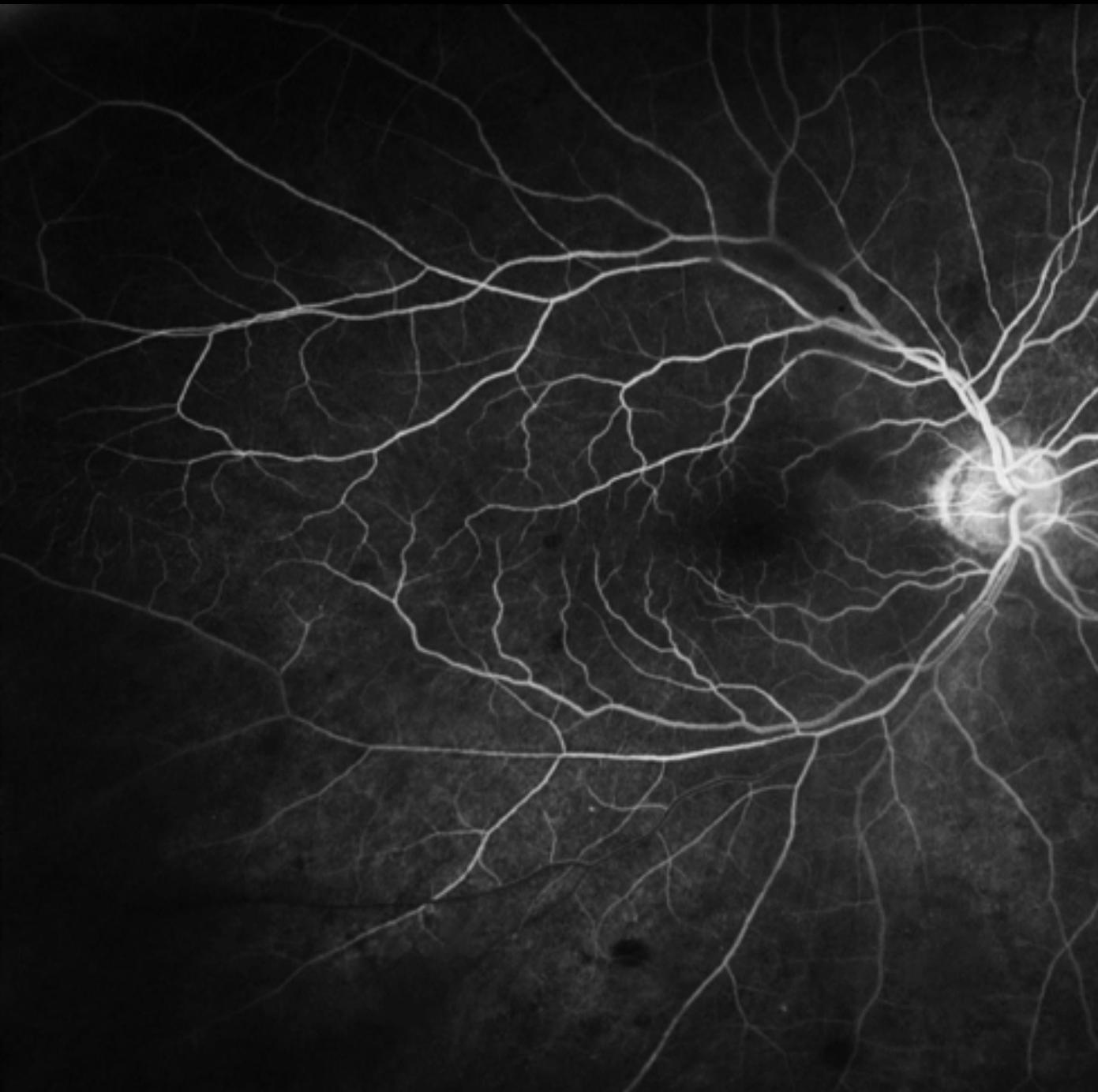
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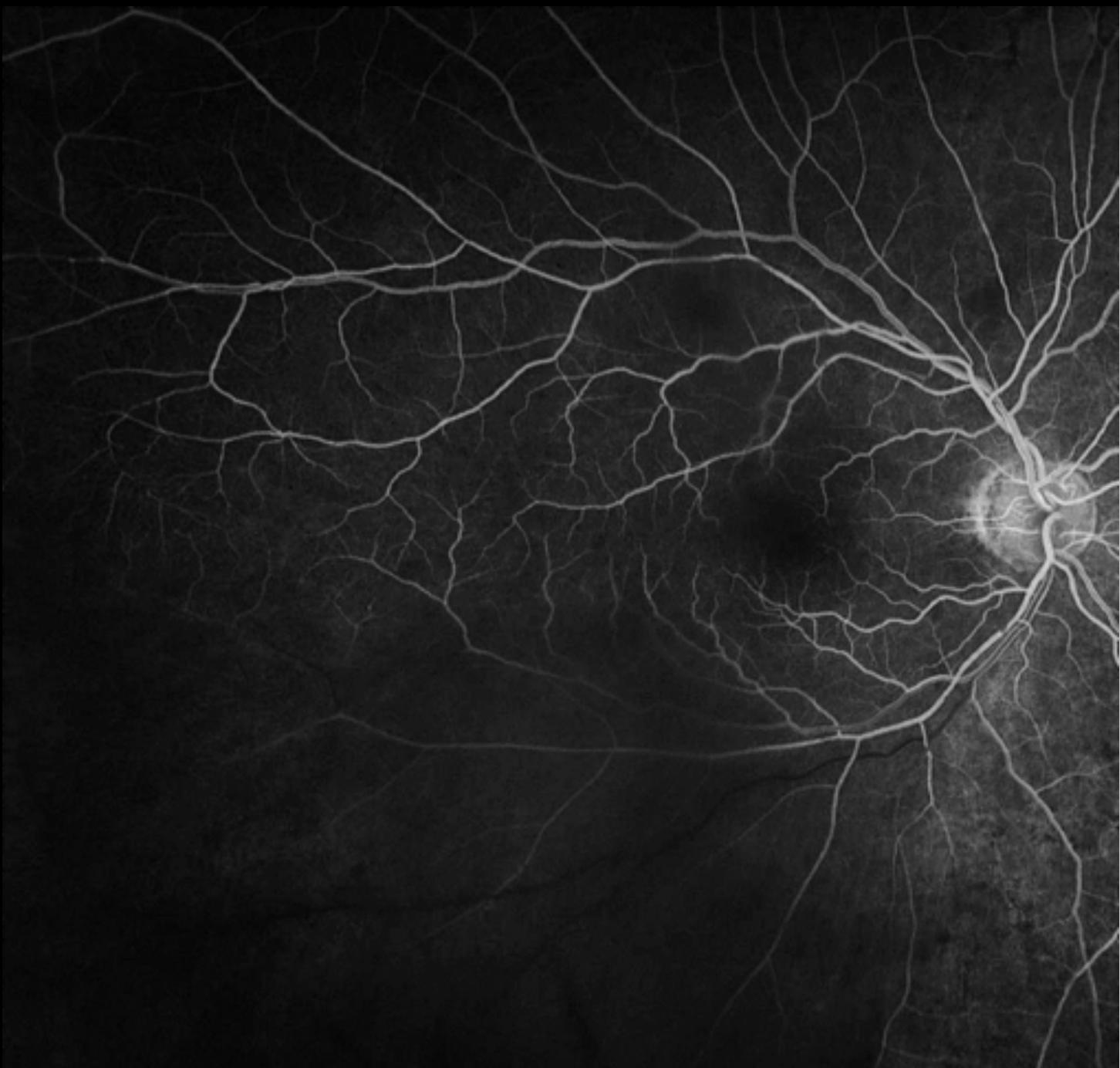
18 months



Presentation



3 months



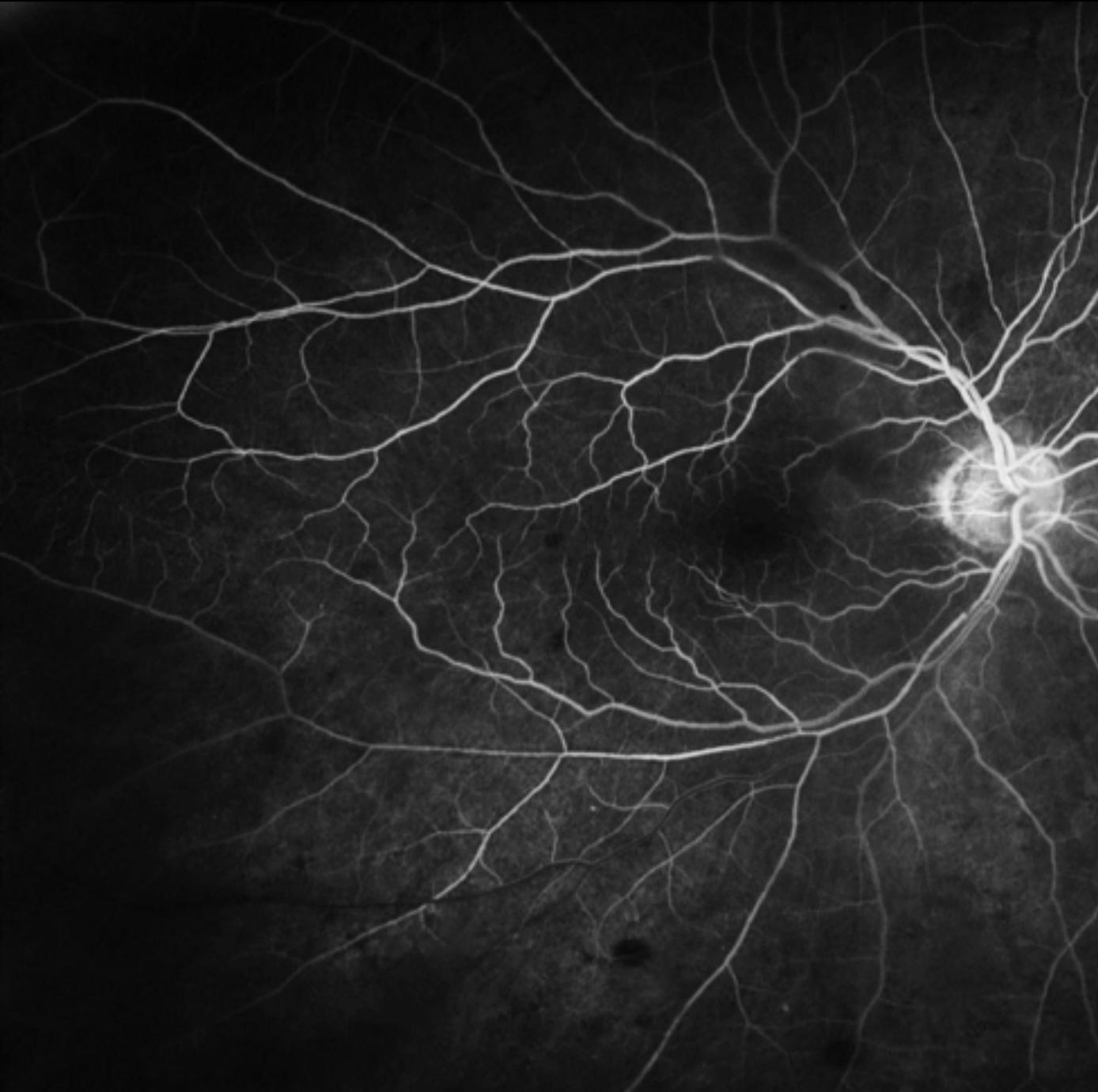
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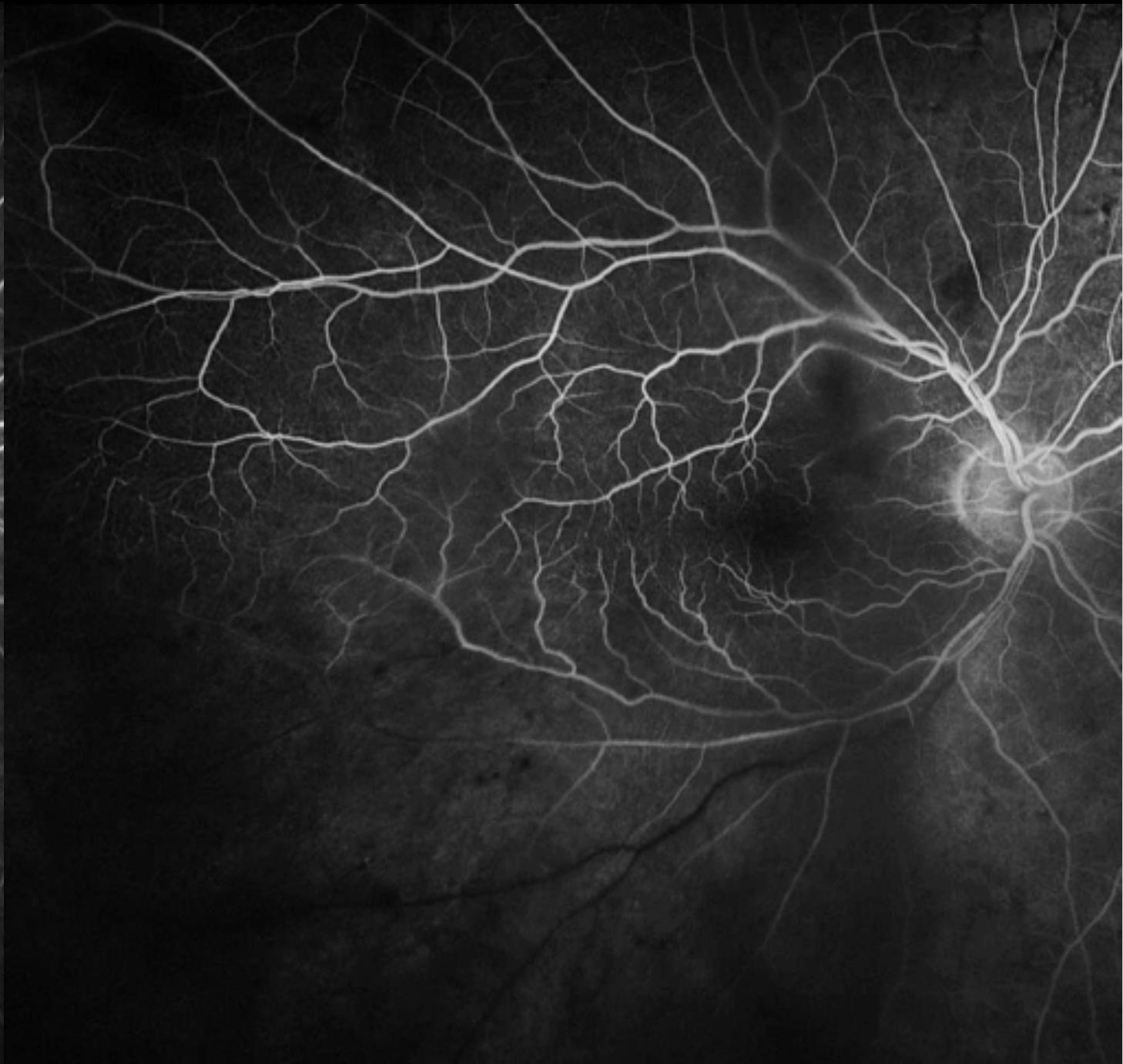
6 months



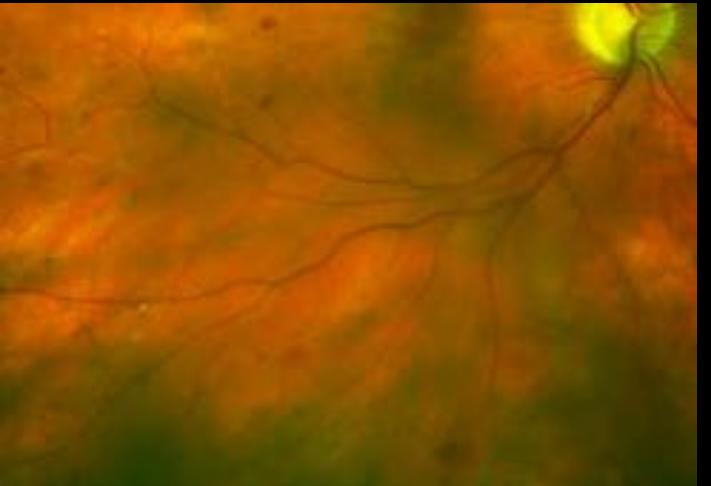
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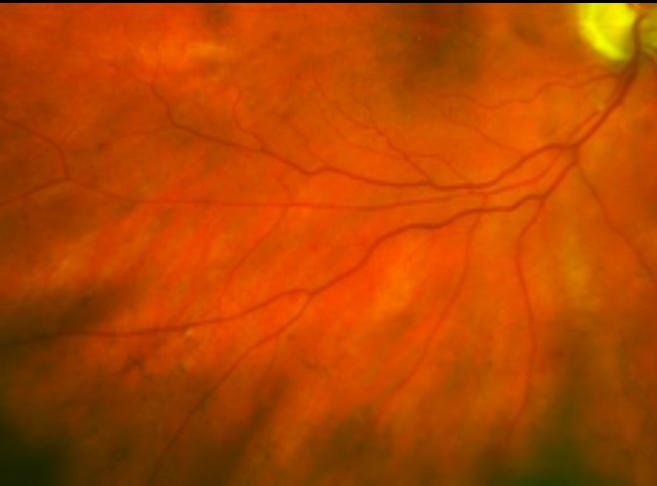
18 months



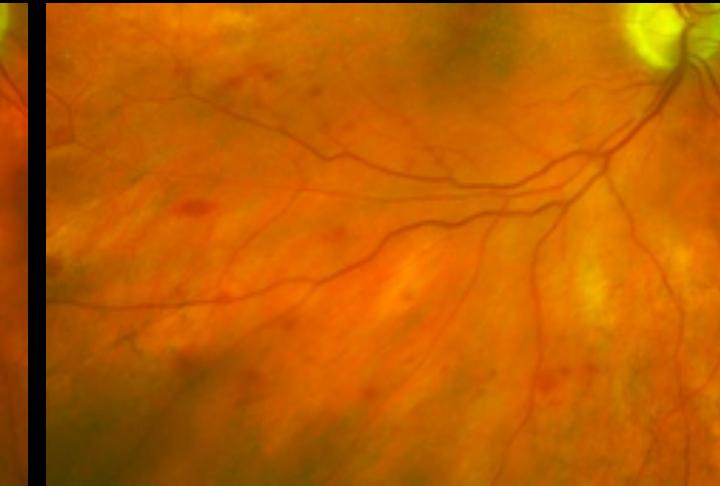
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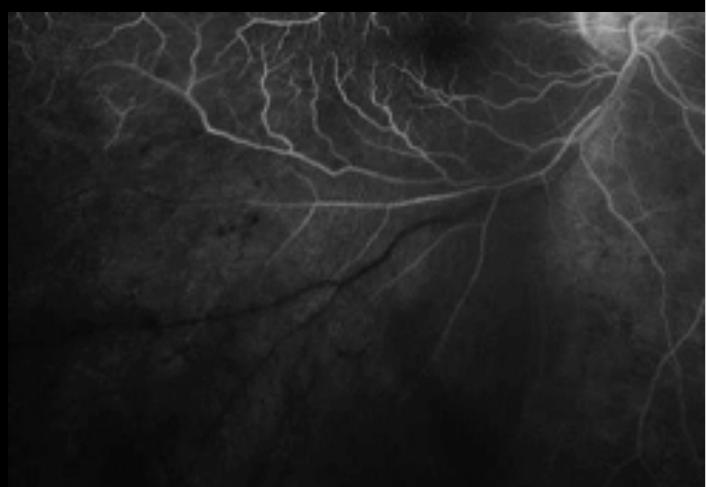
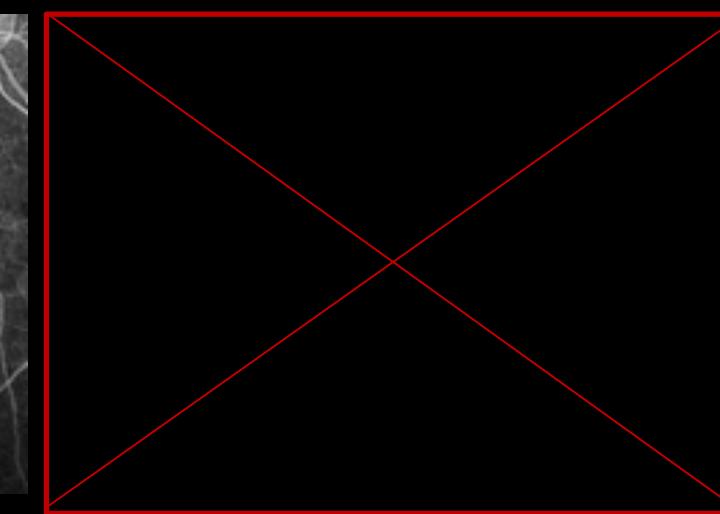
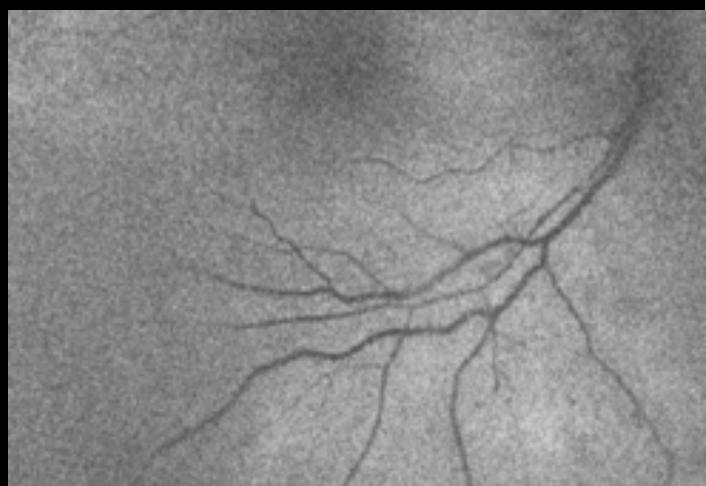
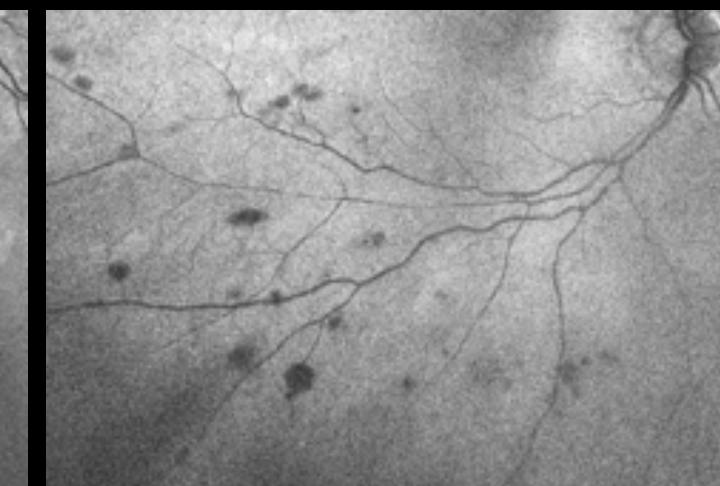
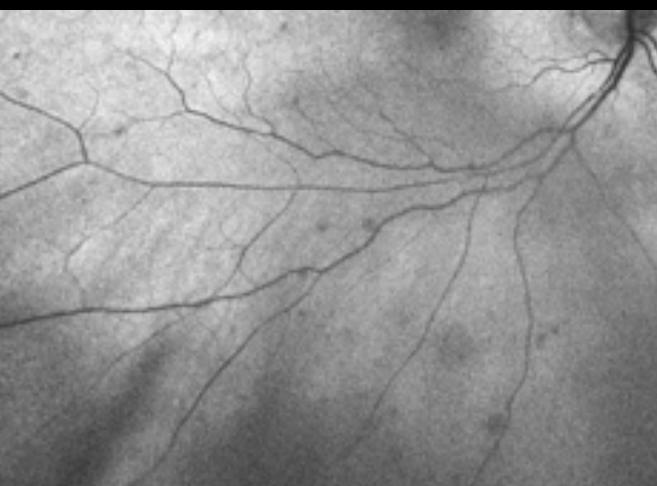
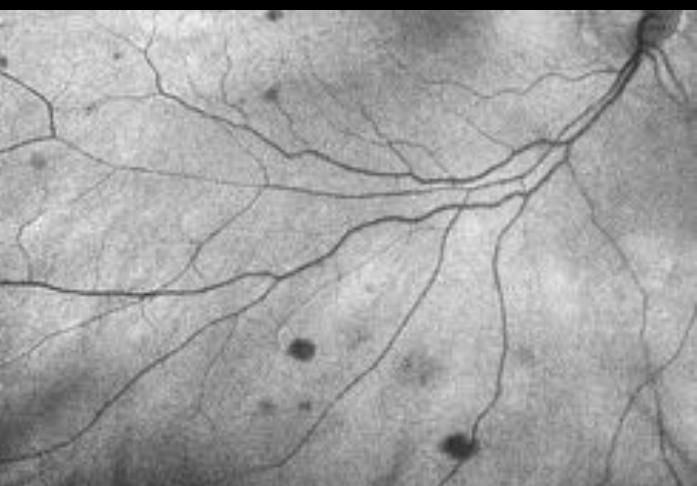
3 months



12 months



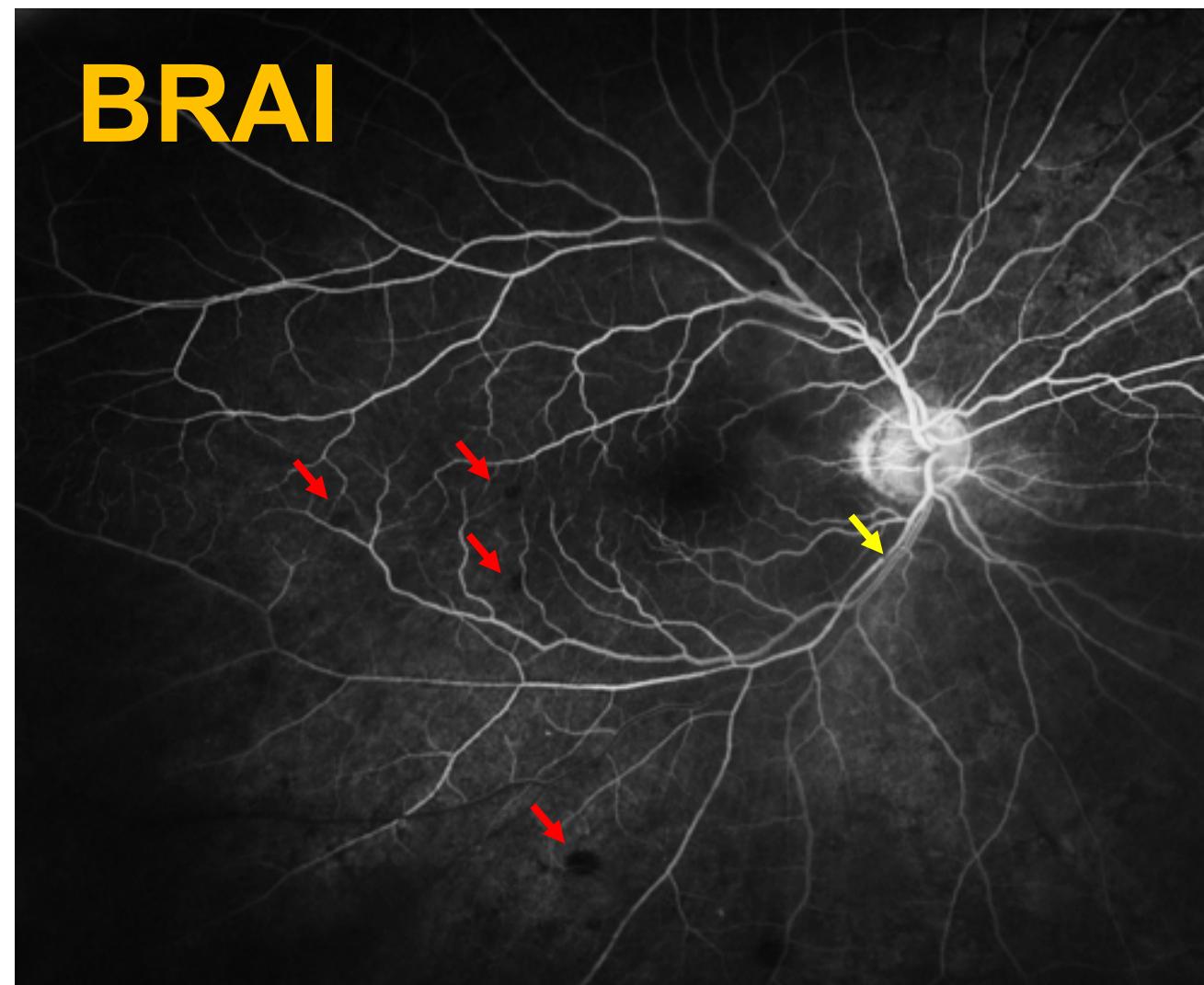
18 months



Branch Retinal Artery Ischemia



UCDAVIS
EYE CENTER



Hollenhorst plaque

+

**Sectoral Round
Hemorrhages**

+

**No venous dilation
or tortuosity**