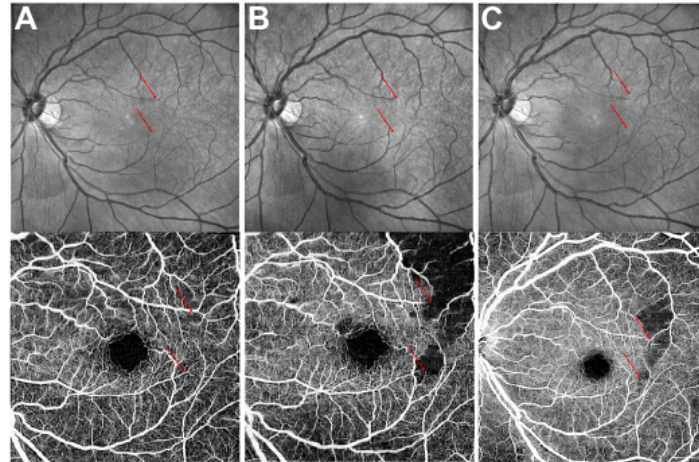




Ocular Transient Ischemic Episode in Carotid Artery Stenosis

A 58-year-old man with carotid stenosis in a retina study (confocal scanning ophthalmoscope and OCT angiography) was imaged at baseline (A). The patient experienced his first transient ischemic episode (TIE) 14 minutes later, presenting with nasal visual field defect in the left eye. Immediate retinal imaging revealed narrowing/absence of flow in distal superior/inferior macular arterioles, and perfusion defects (B). Repeat imaging 2 minutes later showed partial spontaneous reperfusion in the previously occluded segment (C). The TIE lasted 6 minutes and the retina returned to pre-TIE state. Immediate stroke evaluation revealed an ulcerated plaque and no cerebral infarction on neuroimaging. (Magnified version of Figure A-C is available online at www.aaojournal.org).

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