



Ocular Calciphylaxis in a 46-year-old Man on Hemodialysis

A 46-year-old man with end-stage renal disease on hemodialysis presented for vision loss in the right eye. Imaging revealed diffuse retinal whitening and sclerotic vessels on fundus photography (A), retinal atrophy with thickened, hyper-reflective vessel walls on OCT (B, red arrows), and a calcified posterior pole on ultrasound (C). The ophthalmic arteries and distal branches were calcified on computed tomography (D). There were additionally bulky subcutaneous calcifications of both shoulders and feet imaged with plain radiographs. A diagnosis of ocular calciphylaxis was made and therapy was started with the calcium chelator, sodium thiosulfate. (Magnified version of Figure A-D is available online at www.aaojournal.org).

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