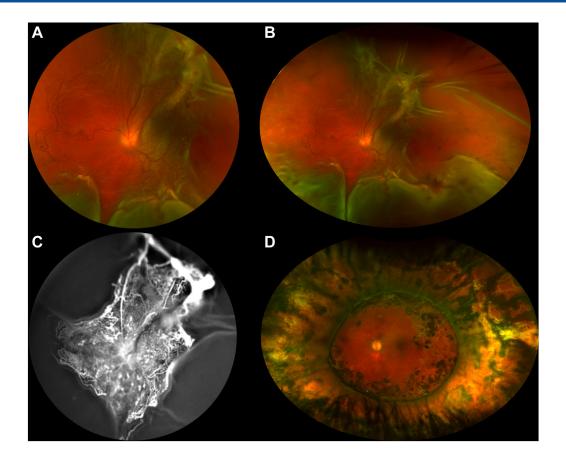
Pictures & Perspectives



Surgical Management of a Neurofibromatosis Type 1 Associated Retinal Detachment

A 6-year-old boy with neurofibromatosis type 1 (NF1) presented with a total retinal detachment (RD) in the left eye (**A**, **B**). The midperipheral and peripheral retina were mostly avascular. Immature vessels were confined to the posterior retina and preretinal new vessels induced a posterior retinal tear (**C**). He underwent pars plana vitrectomy with scleral buckling and silicone oil tamponade resulting in successful reattachment of the retina. After silicone oil removal (**D**), visual acuity was 1/10. Severe anomalies of the peripheral retinal vascularization exist in NF1 and can result in both rhegmatogenous and tractional RD. A combined surgical approach can achieve good anatomical result. (Magnified version of Figure **A-D** is available online at www.aaojournal.org).

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