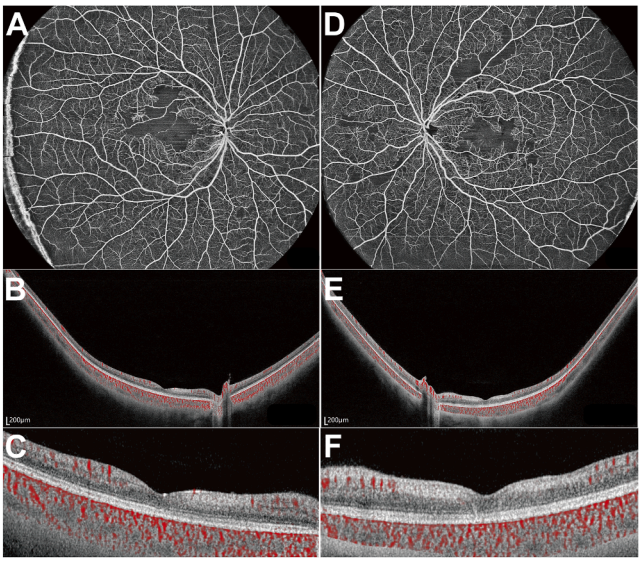
Pictures & Perspectives



Ultra-widefield OCT Angiography of Beta-Thalassemia

A 14-year-old girl presented with bilateral vision loss for 3 months. Ultra-widefield swept-source OCT angiography (BM-400K BMizar, TowardPi Medical Technology; 160°) revealed extensive areas of nonperfusion, particularly involving the macular area (**A**, **D**). Widefield B-scans (24 mm) of both eyes demonstrated no significant macular structural abnormalities (**B**, **E**). However, flow within the retinal vessels of the central inner retina was reduced, corresponding to nonperfusion areas in the central macula (**C**, **F**). Beta-thalassemia was confirmed by genetic testing, clinical features, and family history. The patient underwent hematopoietic stem cell transplantation 3 months earlier. Retinal perfusion should be monitored even after transplantation to prevent irreversible vision loss. (Magnified version of Figure **A**-**F** is available online at www.aaojournal.org).

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Footnotes and Disclosures

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