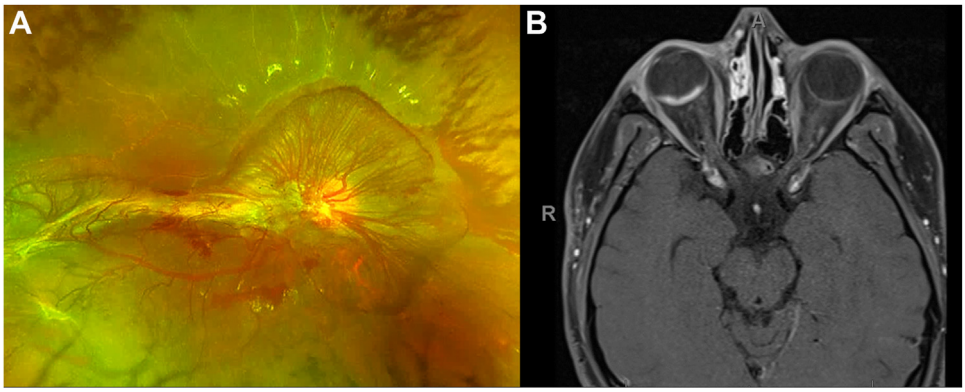

Optic Nerve Neovascularization in Radiation Retinopathy Seen on Magnetic Resonance Imaging

An 18-year-old man with a history of stage IV alveolar rhabdomyosarcoma, status post radiation and chemotherapy, presented for evaluation. Visual acuity was no light perception in the right eye and 20/20 in left eye. Fundus examination of the right eye showed extensive optic nerve neovascularization, seen as 360° circumferential neovascular fronds of the peripapillary area with extension throughout the macula and tractional epiretinal membranes temporally (**A**). Surveillance brain magnetic resonance imaging postcontrast sequencing demonstrated interval thickening and enhancement of the posterior pole corresponding to the areas of neovascularization (**B**). This is a rare case of extensive optic nerve neovascularization visible on magnetic resonance imaging. (Magnified version of Figure **A**–**B** is available online at www.ophthalmologyretina.org).

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