



### West Nile Retinopathy

A 53-year-old man presented with metamorphopsias in the right eye after a prolonged hospitalization for gastroenteritis complicated by hypoxic respiratory failure and small bowel obstruction. Equatorial targetoid chorioretinal lesions in a curvilinear distribution were seen in both eyes (A, B). Fundus autofluorescence demonstrated hypoautofluorescence of the lesions (C). Fluorescein angiography revealed multiple hypofluorescent lesions surrounded by a rim of hyperfluorescence (D). West Nile virus (WNV) immunoglobulin G (IgG) was positive and observation was recommended in the absence of active intraocular lesions or choroidal neovascularization. In patients with characteristic fundus lesions, even in the absence of encephalitis, WNV should be considered in the differential diagnosis, particularly if patients report a severe preceding illness requiring hospitalization and an otherwise negative workup. (Magnified version of Figure A-D is available online at [www.ophtalmologyretina.org](http://www.ophtalmologyretina.org)).

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