A 10-year-old previously healthy female child presented with 1 month of left eye redness and irritation. She had been using ofloxacin eye drops for 2 weeks with continued worsening. On examination, the right eye was normal. The left eye had a granulomatous conjunctivitis with follicles. Dilated examination of both eyes was normal. She had left preauricular lymphadenopathy. She reported recent contact with cats. Serology was positive for Bartonella henselae immunoglobulin G (titer of 1:256). She was treated with doxycycline, 100 mg, by mouth twice a day and rifampin, 300 mg, by mouth twice a day for 14 days, with resolution of the granulomatous lesions after 7 days. This case was striking due to the prominent multifocal conjunctival granulomas and the rapid resolution after initiation of appropriate therapy.