

Ophthalmic Images

Systemic Lupus Erythematosus in a Female Teenager

María Josefina Fry, MD; Paulina Liberman, MD; Carlos Cartes, MD

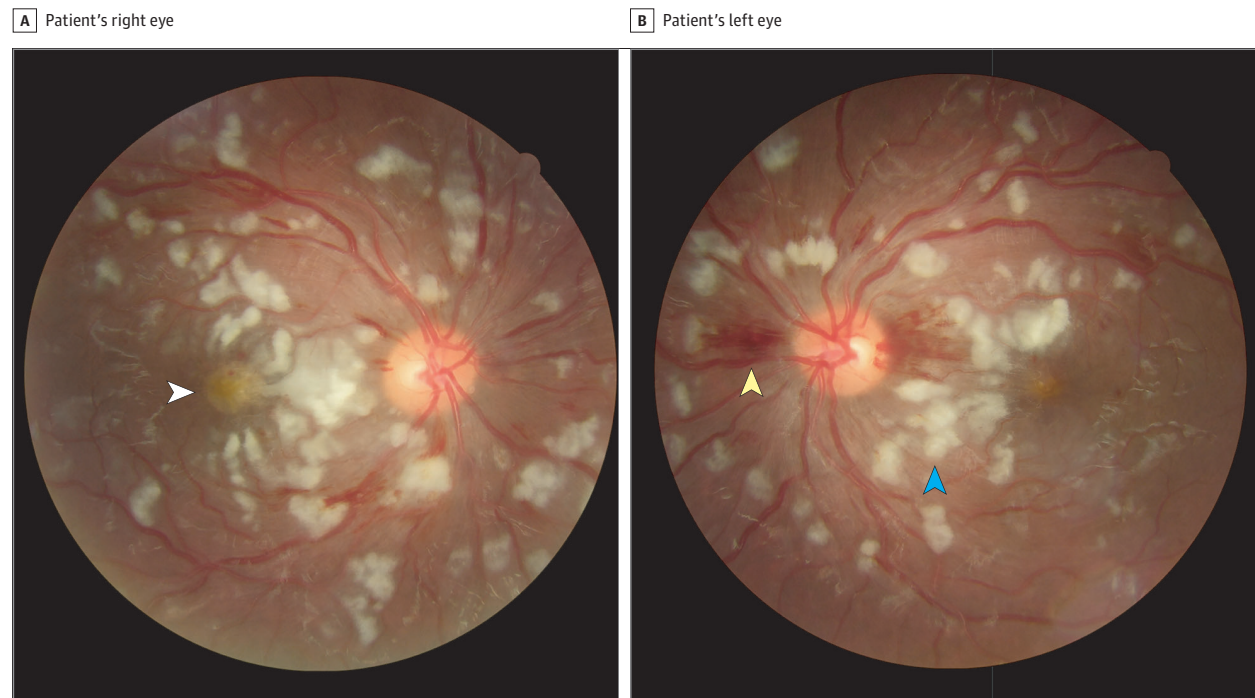


Figure. Fundus photograph of both eyes, showing multiple nerve fiber-layer infarcts throughout the posterior pole (blue arrowhead), flame-shaped hemorrhages near the optic disc (yellow arrowhead), and macular edema in the (more severely affected) right eye (white arrowhead).

A previously healthy 17-year-old girl without a history of ophthalmological problems was admitted for management of systemic lupus erythematosus onset. She had mild anemia and a normal blood pressure level. While her visual acuity was not checked on admission, 1 week later, she complained of painless visual acuity loss in both eyes. Her visual acuity was 20/200 OD and hand motion OS. Her pupils were reactive to light, and the ocular motility and anterior segment were normal. A fundus examination revealed multiple nerve

fiber-layer infarcts, intraretinal hemorrhages near the optic disc and throughout the posterior pole, and macular edema, with a prominent appearance of the macular xanthophyll greater in the right macula than in the left macula (**Figure**). Optical coherence tomography showed a central retinal thickness of 740 μm OD and 770 μm OS. Fluorescein angiogram showed no choroidal abnormalities. One month after starting corticosteroid treatment, her visual acuity was 20/80 OD and 20/200 OS.

ARTICLE INFORMATION

Author Affiliations: Department of Ophthalmology, Pontificia Universidad Católica de Chile, Santiago, Chile.

Corresponding Author: María Josefina Fry, MD, Department of Ophthalmology, Pontificia Universidad Católica de Chile, Av. Libertador Bernardo O'Higgins 340, Santiago 8320000, Chile (josefina.fry@gmail.com).

Conflict of Interest Disclosures: None reported.

Additional Contributions: We thank the patient for granting permission to publish this information.