



Images of a Young Welder's Maculopathy

A 33-year-old man, employed as an arc welder, had vision deterioration for 10 days. His best-corrected visual acuity (BCVA) was 20/200 in his right eye (OD) and 20/30 in his left eye (OS). Fundus examination revealed a yellowish-white lesion accompanied by a punctate hemorrhage in the macula OD and a faint yellow subfoveal spot OS (A, B). Fluorescein angiography showed hyperfluorescence with leakage from neovascularization OD and subtle staining in the fovea OS. Spectral domain-OCT showed disruption of outer-retina, ellipsoid zone, retinal pigment epithelium, and a hyperreflective subfoveal lesion OD (C); and disruption of inner segment/outer segment junction and external limiting membrane OS (D). The patient was treated with 2 anti-VEGF injections OD, and at 2 months follow-up his BCVA was 20/40. (Magnified version of Figure A-D is available online at www.aaojournal.org).

GUANGWEI YU, MD¹

XINYAO HAN, MD²

DONGLIN WANG, MD¹

¹Jinan Mingshui Eye Hospital, Shandong, China; ²Shandong University of Traditional Chinese Medicine Affiliated Eye Hospital, Shandong, China