



Multifocal Choroidal Melanoma in Sector Melanocytosis on Autofluorescence

A 63-year-old Asian man referred for choroidal nevus in the left eye had visual acuity of 20/30 in the left eye with no scleral melanocytosis. Fundus examination of the left eye showed an elevated choroidal mass in the inferior macula with orange pigment and shallow subretinal fluid, suspicious for small choroidal melanoma measuring 8.0 mm × 5.0 mm × 3.6 mm (A, white arrow) with surrounding sector melanocytosis (A, blue arrows). Fundus autofluorescence, however, revealed not 1, but 3 small choroidal melanomas (B, yellow arrows) with overlying lipofuscin, confirmed by OCT (C, D). Iodine-125 plaque radiotherapy (apex dose, 70Gy) was delivered to all 3 tumors, and cytogenetics revealed The Cancer Genome Atlas group B. (Magnified version of Figure A-D is available online at www.ophtalmologyretina.org)

THOMAS M. CATAPANO, BS

ROLIKA BANSAL, MD

CAROL L. SHIELDS, MD

Ocular Oncology, Wills Eye Hospital, Jefferson University, Philadelphia, Pennsylvania
