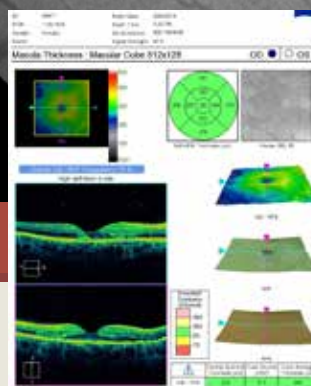


# Blink



HOLLY FIELDS, DOA, NC RETINA, RALEIGH, N.C.

WHAT IS THIS MONTH'S MYSTERY CONDITION? Join the conversation at [www.eyenet.org](http://www.eyenet.org), where you can post a comment on this image.



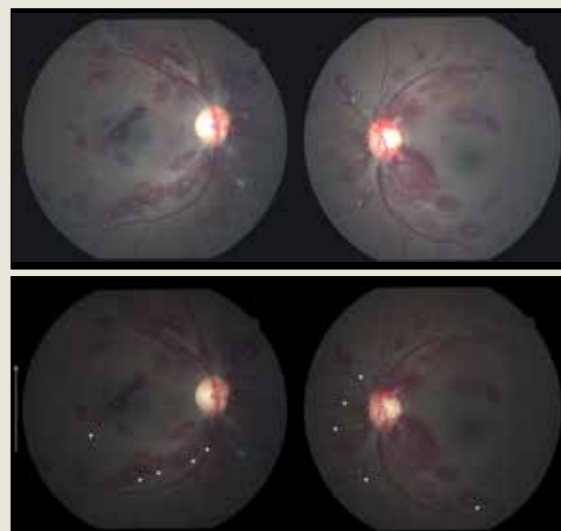
## LAST MONTH'S BLINK

# Multiple Myeloma Presenting With Roth Spots

**A** 43-year-old man presented with flashes in his vision. His visual acuity was 20/70 in the right eye and 20/25 in the left. Dilated fundus exam revealed hemorrhages in multiple retinal layers and numerous Roth spots (arrows) in both eyes. These spots may occur in many systemic conditions, including malignancies.

A stat complete blood count revealed 16,000/ $\mu$ L white blood cells, hemoglobin of 4.3 g/dL, and 94,000/ $\mu$ L platelets. The patient was admitted for transfusion. A bone marrow biopsy revealed hypercellular marrow composed mainly of plasma cells. Elevated serum lambda free light chains and an IgG spike on serum protein electrophoresis and immunofixation with quantitative protein level of 6.8 g/dL led to the diagnosis of multiple myeloma. Chemotherapy with cyclophosphamide, bortezomib, and dexamethasone was initiated.

Written by Robin A. Vora, MD, and Sophia Y. Wang, MD, The Permanente Medical Group, Oakland, Calif.



Pamela Neal, The Permanente Medical Group, Oakland, Calif.