



Intraocular Involvement by Mycosis Fungoides

A 79-year-old woman with history of mycosis fungoides manifesting as cutaneous plaques and erosions (A) presented with blurred vision and floaters in the left eye. OCT demonstrated deposits on the retinal surface (arrowhead) and beneath retinal pigment epithelium (B, arrows). Vitreous biopsy revealed atypical cells with cerebriform nuclei (arrow), atypical ring mitoses (arrowhead), and apoptotic bodies (2 arrows) (C, hematoxylin-eosin, 1000× original magnification), which expressed T-cell marker CD3 (D, 1000× original magnification) and were morphologically and immunophenotypically identical to the cutaneous mycosis fungoides, compatible with intraocular involvement by mycosis fungoides. Further evaluation disclosed brain involvement by mycosis fungoides (Magnified version of Figure A-D is available online at www.aaojournal.org).

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