



Slit Lamp Transillumination of Ciliary Body Schwannoma Mimicking Uveal Melanoma

A 39-year-old woman was referred for suspected uveal melanoma. Ultra-widefield imaging revealed a large, dome-shaped, mixed-pigmented ciliochoroidal mass. (A) B-scan ultrasonography and an ultrasound biomicroscopy demonstrated a well-circumscribed ciliochoroidal mass with acoustic hollowness and low internal reflectivity, supporting the initial impression of uveal melanoma. (B) However, slit-lamp transillumination showed characteristic bright light transmission, an atypical finding for choroidal melanoma. (C) After partial lamellar sclerouvectomy, histopathology demonstrated hypercellular Antoni A areas with nuclear palisading (Verocay bodies, arrows) and myxoid hypocellular Antoni B areas. Immunohistochemical staining was positive for S-100, confirming ciliary body schwannoma. (D) Slit-lamp transillumination may offer a clinical clue in differentiating ciliary body schwannoma from uveal melanoma. (Magnified version of Figure A-D is available online at www.aojournal.org).

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