



### Unilateral Multiple Choroidal Melanomas within an Area of Amelanotic Congenital Ocular Melanosis

A 64-year-old woman presented with 2 choroidal melanomas in the right eye (A–C). Fine needle aspiration biopsy, gene expression profiling, preferentially expressed antigen in melanoma (PRAME) expression, and next-generation sequencing of each tumor revealed *GNA11* and *EIF1AX* mutations in the superior tumor and the same *GNA11* mutation with an *SF3B1* mutation in the inferior tumor; both were gene expression profiling 1A and PRAME negative. There was no metastatic disease. The tumors were treated with sequential iodine-125 plaques; fundus photograph 4 months after treatment is shown in D. Identical initiating mutations indicates amelanotic congenital ocular melanosis with 2 genetically distinct driver mutations developing in areas of *GNA11* mutant cells. (Magnified version of Figure A–D is available online at [www.ophtalmologyretina.org](http://www.ophtalmologyretina.org)).

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