

Resolution of a Ciliary Body Melanoma Induced Sectoral Cataract following Treatment with Plaque Brachytherapy

Abstract:

A 30-year-old male presented to an outside eye care provider for floaters and decreased visual acuity and was subsequently referred to ocular oncology service. His visual acuity was 20/20 on the right and 20/25 on the left. The patient was found to have a left ciliary body choroidal melanoma abutting the lens causing a sectoral cataract. After proceeding with iodine-125 plaque brachytherapy the tumor regressed and visual acuity improved. Less than a year later, the cataract spontaneously resolved. It is theorized that the cataract formed as a result of tumor apposition on the lens, causing a focal cataract. To our knowledge, this is the first case of a focal cataract caused by a ciliary body melanoma resulting in spontaneous resolution.