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Case Report

Bilateral iris, lens and Chorioretinal Coloboma: A Case Report

Abstract

Colobomas are genetic malformations due to lack of closure of the embryonic fissure. These are rare malformations that can sit at any level of the eye. Colobomas can be uni or bilateral, sporadic or hereditary. It may be associated with other ocular manifestations and extra-ocular malformations involving a general, clinical and radiological examination.

We report the case of a 28 year old young man with no significant pathological history whose ophthalmological examination revealed a coloboma affecting the iris, lens and choroid.

Case Report

Colobomas are genetic malformations due to lack of closure of the embryonic fissure [1]. These are rare malformations that can sit at any level of the eye. Colobomas can be uni or bilateral, sporadic or hereditary [2]. It may be associated with other ocular manifestations and extra-ocular malformations involving a general, clinical and radiological examination.

We report the case of a 28 year old young man, with no notable pathological antecedents showing a progressive decline in visual acuity. On examination, his visual acuity is 7/10 not improvable with the optical correction. Bio microscopic examination revealed bilaterally iris coloboma (Figure 1A,B) and lens cataract and coloboma (Figure 2A,B).

Intraocular pressure was normal in the right eye and the left eye.

At the eye's fundus there is the presence of a bilateral choroidal coloboma (Figure 3A,B). The neurological examination and brain MRI have been performed are without abnormalities.

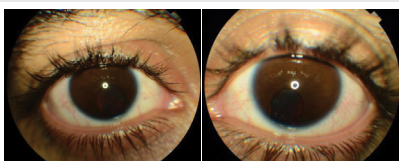


Figure 1A,B: Iris coloboma: Right (A) and Left (B).

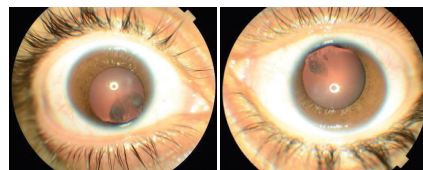


Figure 2A,B: Bilateral lens coloboma: Right (A) and Left (B).

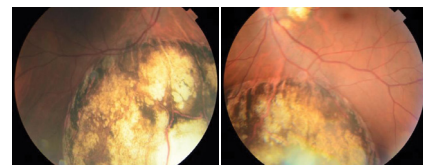


Figure 3A,B: Right and left eyes fundus.

The patient is monitored regularly for possible complications including retinal detachment or choroidal neovascularization [3].

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