

Images in clinical medicine



Anterior capsulophimosis

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Anterior capsulophimosis

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Image in medicine

We report a case of a 14-year-old child, who underwent cataract surgery for congenital cataract, with posterior capsulorhexis and intraocular lens implantation. A year after surgery, the patient developed capsule contraction syndrome on 360° degrees, with a clear visual axis. The first clinical description of anterior capsular phimosis was in 1993 by Davison. It corresponds to rhexis constriction, represented clinically as a formation of fibrosis ring of edges of the anterior capsule, due to proliferation and formation of cortical fibers from the equatorial epithelial cells and those covering the anterior capsule which are retained after the surgery. Previous studies have reported that anterior capsulophimosis may lead to some complications as intraocular lens displacement. They have reported also that the treatment of severe cases is by Nd: YAG laser anterior capsulotomy.

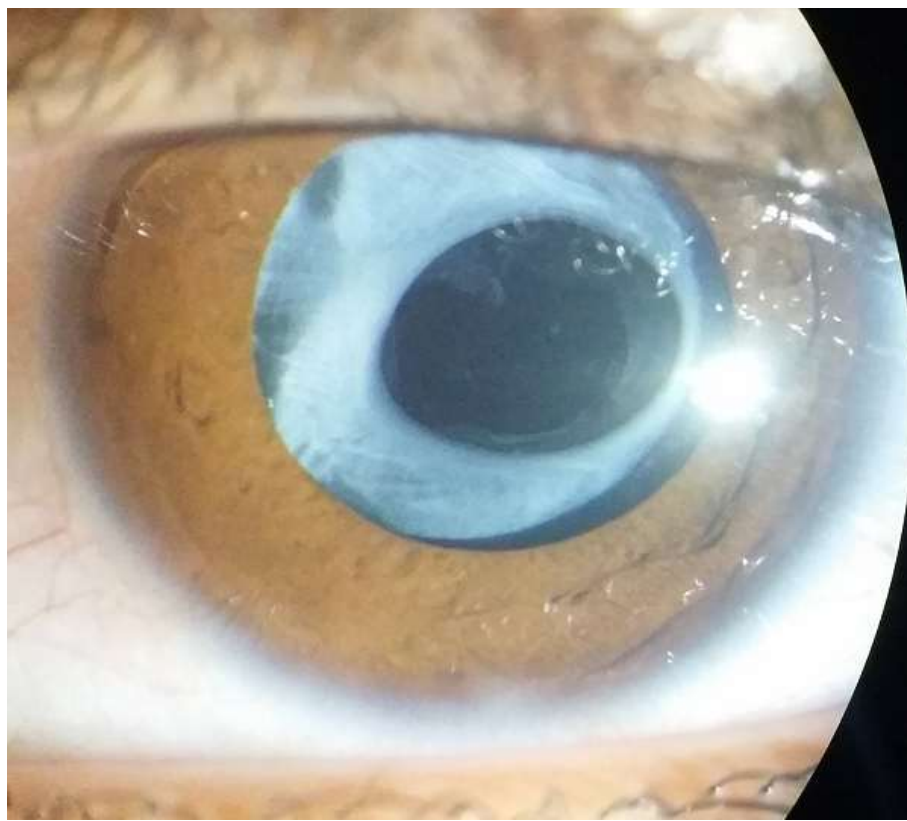


Figure 1: slit lamp photograph of the right eye showing dense annular fibrosis of the capsule