

Late Capsular Bag Distension Syndrome: A case report

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NO CONFLICTS OF INTEREST

PURPOSE

To report a case of a symptomatic late onset capsular bag distension syndrome (CBDS) in a 87 year old patient.

METHODS

Modern diagnostic imaging tools were used. Review of the literature regarding diagnosis and treatment of CBDS were performed.

RESULTS - 1

A 87-year-old male presented to our clinic complaining of gradual decrease in vision of his right eye during the last few months. Patient underwent bilateral phacoemulsification fifteen years ago and a three piece lens was implanted in the bag in each eye. On presentation, his best-corrected visual acuity (BCVA) was 3/10 in his right eye and 9/10 in his left eye. Intraocular pressure was 16mmHg in his right eye and 15mmHg in his left eye. Slit lamp examination revealed a circular whitish area behind the intraocular lens of the right eye (Photo 1).

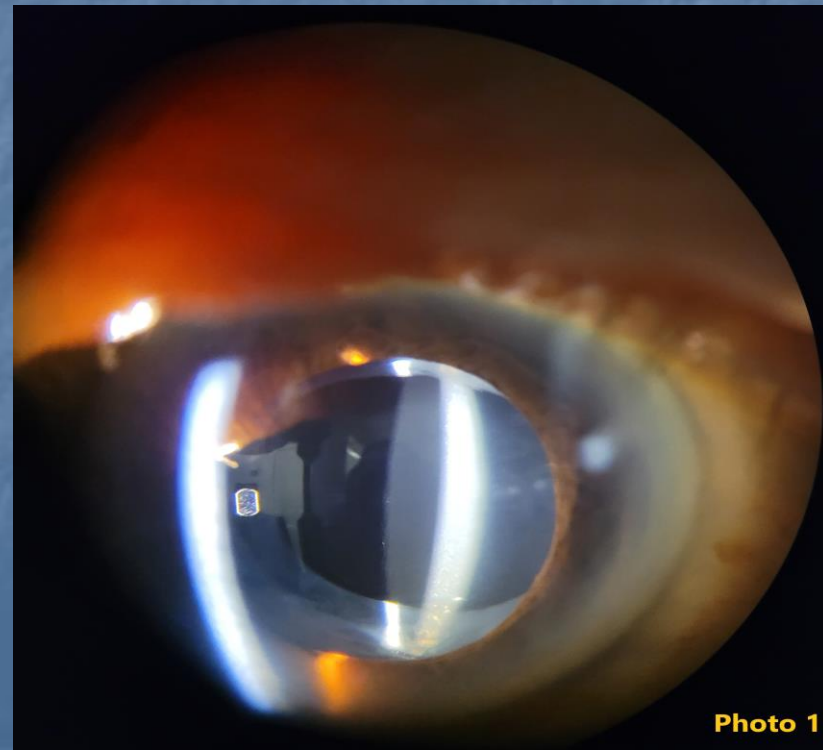


Photo 1

RESULTS - 2

Anterior segment OCT revealed a clear intraocular lens and a hyperelective space between the posterior surface of the intraocular lens and the posterior capsule, indicating the presence of opaque fluid (Photo 2). YAG laser capsulotomy to the right eye was suggested.

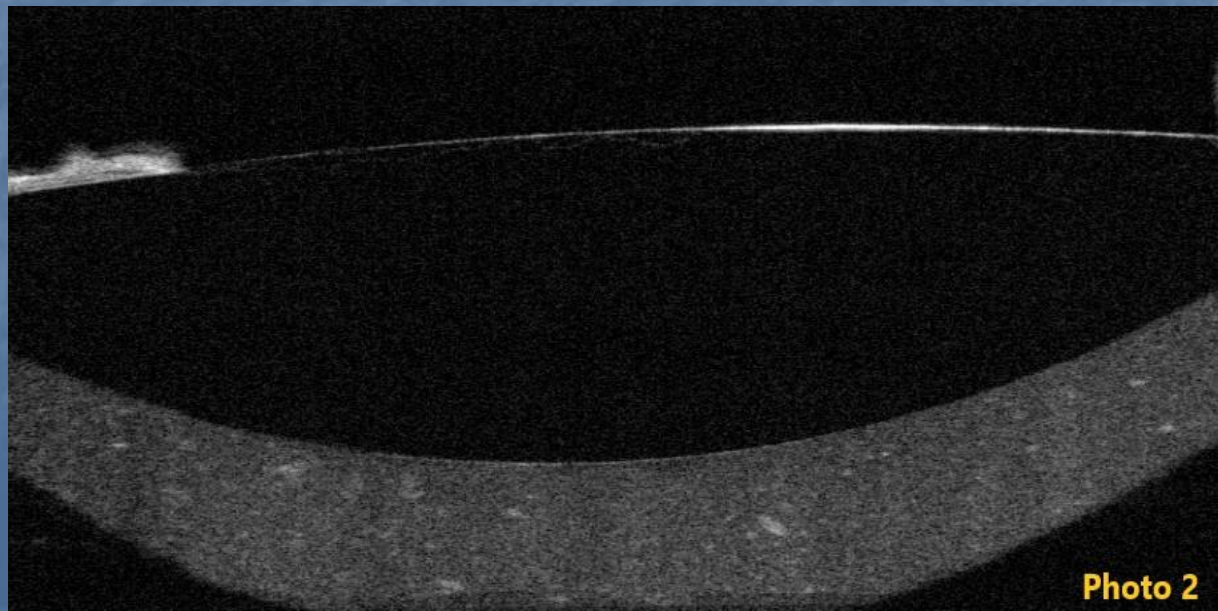


Photo 2

CONCLUSIONS

Capsular bag distension syndrome is a rare postoperative complication of cataract surgery with incidence around 1,0 %. In our case, it presented as a late onset complication as the patient became symptomatic 15 years after cataract surgery. It is important to recognize and appropriately treat CBDS in patients with history of cataract surgery, even if the surgery occurred many years prior.