

A Case Report of Uveitis and Papilledema With High IOP After Nd:YAG Laser Capsulotomy in Patient With Secondary Cataract

Kyung Soo Park, Sang Woo Kim



Department of Ophthalmology, Ulsan University
Hospital, Ulsan University College of Medicine,
Ulsan, Republic of Korea

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Purpose

- ⌘ We report 1 case of uveitis and papilledema with high IOP after YAG laser capsulotomy in patient of after-cataract at first time in South Korea.

Case report

⌘ **A 45-year-old man**

⌘ **Chief complain**

- ⌘ Visual impairment of left eye

⌘ **Present illness**

- ⌘ started about winter of 2012

⌘ **Past History**

- ⌘ DM/HTN (-/-)
- ⌘ Cataract surgeries were done at 2009 on both eyes.

Ophthalmic examination

⌘ Best Corrected Visual Acuity (BCVA)

- ⌘ OD : 1.0 X -0.50 Dsph = -0.50 Dcyl 5A
- ⌘ OS : 0.6 X -0.50 Dsph

⌘ IOP

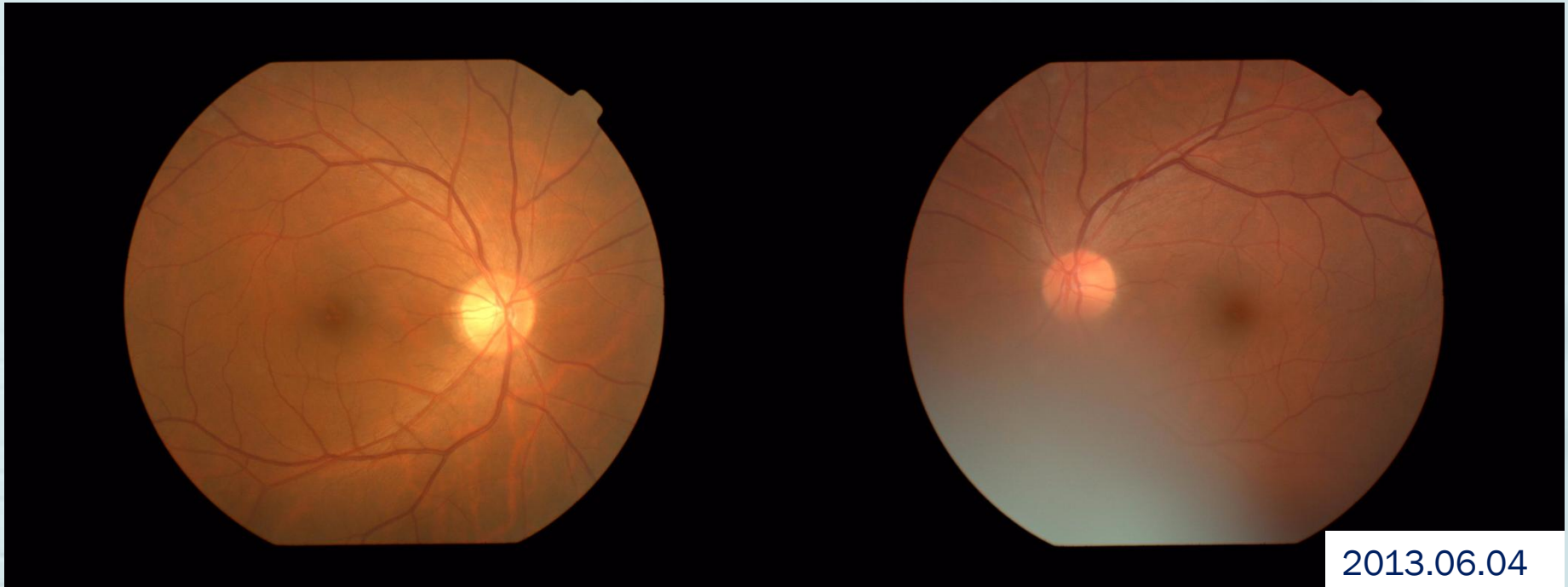
- ⌘ OD : 18 mmHg
- ⌘ OS : 20 mmHg

⌘ Anterior segment exam (lens)

- ⌘ OD : good IOL position
- ⌘ OS : good IOL position with posterior capsular opacities

Fundusoscopic examination

- ⌘ Fundus exam was flat on both eyes.
- ⌘ There was dimly seen area on left eye due to after-cataract.



Natural Course

- ⌘ Impression : After-cataract, OS
 - ⌘ Treatment : YAG laser capsulotomy (2013.06.04)
 - ⌘ POD #1 : Headache and high IOP (55mmHg) with flare
 - ⌘ POD #2 : Headache, papilledema and remain high IOP (48mmHg) with flare despite topical eyedrops
- > admission and intravenous steroid and IOP lowering treatment

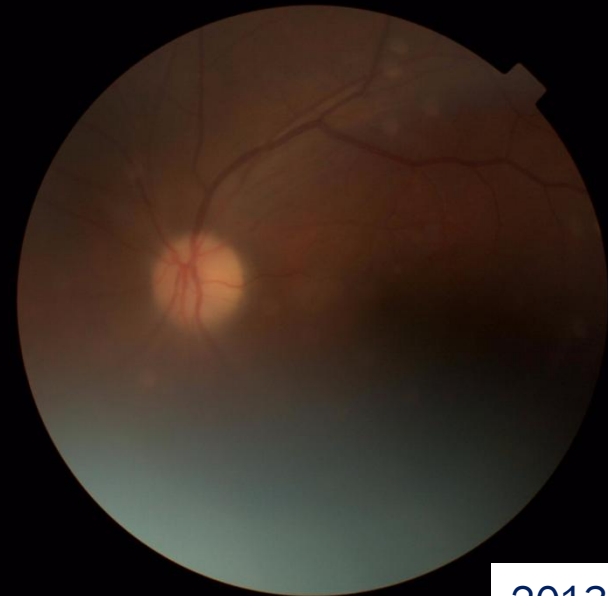


Natural Course

- ⌘ POD #5 : Normal IOP and decreased papilledema
- ⌘ POD #21 : Discharged with decreased papilledema and checked V.A. 0.4 in left eye



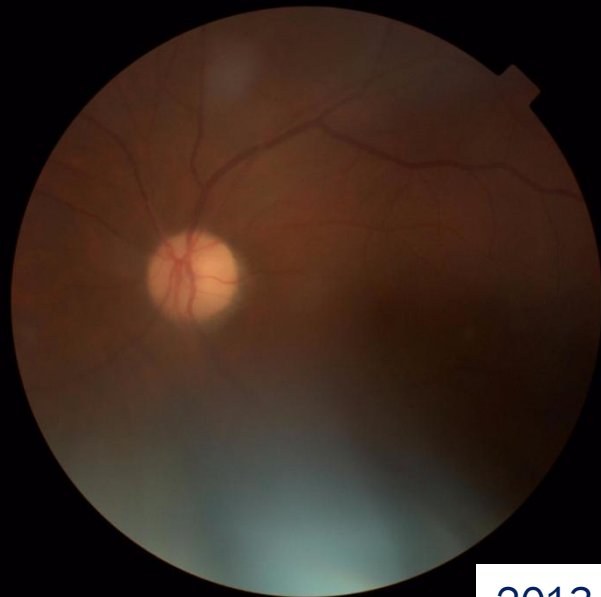
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Natural Course

- ⌘ POD #36 : Disappeared papilledema and checked V.A. 0.6
- ⌘ POD #144 : Checked V.A. 0.7 but, still complained of subjective visual field defect representing stripe pattern



2013.07.29



2013.10.25

Discussion I

- ⌘ YAG laser capsulotomy is a standard therapy in after-cataract management.
- ⌘ But, uveitis and secondary IOP elevation can develop after YAG laser capsulotomy due to inflammation.

Discussion II

- ⌘ To our knowledge, there was no report about permanent visual impairment due to severe uveitis following YAG laser capsulotomy.
- ⌘ Informed consent about uveitis and secondary IOP elevation is essential before procedure.

Thank you for listening

