



THE THERAPY OF BENIGN PROSTATIC HYPERPLASIA AND ITS EFFECTS ON CATARACT SURGERY

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Introduction

80-90% of men in their 7th -8th decade of life will develop benign prostatic hyperplasia (BPH). 50% of older population will develop cataract by age of 75. The treatment for BPH consist of systemic alpha receptors blockers which have association with Intraoperative floppy iris syndrome (IFIS). The features of IFIS are seen during cataract surgery compose of a triad of iris billowing and floppiness, pupil constriction during surgery and iris prolapse. This behavior of the iris creates a difficult situation for the surgeon and can eventually increase the complication rate during operation.

Aim of the study

To evaluate the age of patients undergoing cataract surgery, the age of starting a treatment for BPH and how can they be combined, considering, and evaluated by physicians.

Methods

This study is a continuation of study from 2016. By taking retrospective data on male patients age from ophthalmology department undergoing cataract surgery during years 2012-2016 (2178 patients) and adding patients during the year 2017 (419 patients) and the year 2018 (442 patients), and by taking information from urology department by looking at patients ages starting to take treatment for BPH in the years 2012-2016 (500 patients).

Results

By calculating the average male age undergoing cataract surgery is 71.06. Using the results from the first study, the average age of patients starting alpha blockers for BPH is 64 years old.

Conclusions

With continue of the former study, we saw that the average men going through cataract surgery stayed the same, meaning there is still a gap of 7 years from starting to take BPH medication and going through the surgery. The education of patients about complication with usage of alpha blockers is necessary and important, especially before surgical procedures. Patients such as physicians, carrying the responsibility to know effects and outcomes of a combination of treatment for BPH and cataract surgery.

Patient's average age during cataract surgery

