

## CLINICAL PROFILE OF PSEUDOEXFOLIATION IN CATARACT SURGERY-A CROSS SECTIONAL STUDY

C.N .GUPTA, PRABHUCHITANYA POTTUR & SPOORTHI

Department of Ophthalmology, P.E.S. institute of Medical Sciences and Research, Kuppam, Andhra Pradesh, India

### ABSTARCT

#### Background

*The pseudoexfoliation syndrome is an age related generalized abnormal production or turnover of extra-cellular matrix in ocular tissues, orbital tissues, skin and visceral organs. The exact etio-pathogenesis condition and chemical composition of the material still remains unknown. The renewed interest in this long known entity results from better awareness of the spectrum of intra-ocular risks in open angle glaucoma, conjunction with/ or intra-ocular surgery was described in the relevant findings.*

#### Objectives

*To study the clinical features of pseudo-exfoliation in eyes with cataract and to know the intraoperative, postoperative complications with visual prognosis of cataract surgery with pseudo-exfoliation*

#### Methods

*A Cross sectional study was conducted in the Department of Ophthalmology, PES Institute of Medical Sciences and Research Hospital, Kuppam, Andra Pradesh on patients with Pseudoexfoliation Syndrome and cataract during the period of one and half years (2013-2015) . The Patients were attending ophthalmology OPD at PES hospital for cataract surgery during the study period . A total 120 suspected caseses were recruited for the study with written consent. Surgery was done at the standard procedure and protocol.*

#### Results

*In the present study, 71 (59.16%) ( $p < 0.00$ ) cases were found to be either zonular dehiscence, posterior capsular rent, Vitreous loss, Corneal edema, Excessive lens mobility were seen during the capsulotomy. Majority of cases were presented intraoperative complications with insufficient mydriasis ( $p < 0.00$ ) .*

#### Conclusions

*The surgical modifications like Sphincterotomy, Synechiolysis, Anterior vitrectomy, use of CTR can improves the outcome of the surgery and also gives the better visual quality*

**KEYWORDS:** Pseudo-Exfoliation, Surgical Modifications, Postoperative, Intraoperative

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