

**PRELIMINARY RESULTS OF ZARACCOM ULTRAFLEX  
HYDROPHOBIC ACRYLIC 1-PIECE IOL IMPLANTATION  
ON CATARACT TREATMENT**

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## **ABSTRACT**

### **Purpose:**

To evaluate efficacy of Zaracom Ultraflex intraocular lenses (IOL) on cataract treatment.

### **Methods:**

In this study, 50 eyes of 37 adult cataract patients underwent phacoemulsification and Zaracom Ultraflex IOL implantation with a Alcon Monarch II injector systems for 2.2 mm incision were included. The mean age of all patients was  $68.42 \pm 11.69$  (33 to 82) years. The mean postoperative follow-up time was  $4.1 \pm 1.34$  months. The main outcome criteria were visual acuity, wound size, anterior and posterior capsular biocompatibility and opacifications, intraoperative application properties, lens position and centralization, lens color and clarity, harmony of the lens with viscoelastic material, complications, and adverse effects.

### **Results:**

The mean preoperative best corrected visual acuity (BCVA) was  $0.30 \pm 0.20$ . One week after surgery and the final mean BCVA were  $0.74 \pm 0.33$  and  $0.93 \pm 0.11$ , respectively. Because of short follow-up time, we did not see any anterior or posterior capsule opacification. The all lenses were easily implanted and in the bag and centralized along the follow-up period. The wound sizes were less than 2.4 mm.

### **Conclusion:**

Foldable hydrophobic acrylic intraocular lens Zaracom Ultraflex can be an alternative choice for the patients with cataract requiring lens replacement with smaller incision size.