

Abstract

Purpose: Same-day bilateral cataract surgery is becoming a worldwide trend. We present our experience and outcomes after performing simultaneous cataract surgery in 30 patients.

Patients and method: Patients with bilateral cataracts were assessed preoperatively and after being fully informed about pros and cons, consented in same-day procedures. *Results:* Preoperative BCVA (mean \pm SD) was 0,39 \pm 0,23 while postoperative BCVA was 0,89 \pm 0,16 in both eyes. Mean lens sclerosis was 3,95 \pm 0,95 and mean spherical equivalent was -0,18 \pm 0,37 in both eyes. One posterior capsule rupture (in a patient with dementia) was managed intraoperatively without vitreous loss. *Conclusion:* Same-day bilateral cataract surgery seems to have many advantages such as fewer medical visits, rapid rehabilitation and reduced medical fees. Though there are still many objections, no study has shown that it is an unsafe procedure. Careful patient selection along with a strict sterilization protocol with complete separation of the eyes are unbreakable rules for a successful outcome.

Key words: cataract, bilateral cataract, lens, simultaneous surgery, phacoemulsification.