

Endophthalmitis is one of the most devastating complications following ocular surgery. It is, fortunately, a rare but sight-threatening intraocular inflammation most commonly seen after intraocular procedures due to the entry of infectious microorganisms into the eye during the perioperative period. Cataract surgery is by far the most frequently performed ocular surgery throughout the world and this could be an explanation for the fact that nearly 90% of endophthalmitis cases develop after this procedure. The vast majority of cases will involve bacteria, and the visual prognosis is often poor. Attention to prophylaxis appears to be the key in reducing the incidence of postoperative endophthalmitis. This review focuses on current principles and strategies for prevention, identification and management of post-ocular surgery endophthalmitis.

Key words: endophthalmitis, intraocular surgery, cataract surgery