



**Service Priorities and Programmes**  
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**Acute Post-Operative Endophthalmitis after Cataract Surgery: a 10-Year Review in a Tertiary Center**

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**Introduction**

Acute post-operative endophthalmitis (inflammation of contents of the eye) is a sight-threatening complication after cataract surgery. The incidence has been reported to be 0.03% to 0.15% worldwide. Currently, there is a lack of local clinical data regarding this serious complication.

**Objectives**

(1) To report the incidence of acute post-operative endophthalmitis as a source of local data for future studies (2) To understand the clinical features, causative organisms and visual outcomes in our locality

**Methodology**

The clinical and microbiological records were reviewed of all patients who underwent cataract surgery in Hong Kong Eye Hospital and presented with clinical features of acute endophthalmitis in the early post-operative period from 2002 to 2012.

**Result**

There were 30 cases of acute post-operative endophthalmitis after a total of 45,349 cataract surgeries in the 10-year period. The cumulative incidence was 0.066%. The endophthalmitis rate in Hong Kong Eye Hospital is on par with international standard. The microbiology of endophthalmitis in our locality and visual outcomes of different treatment modalities were better understood.