

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
PIBIC Last Name - Ohkawara First Name - Lilian Middle - Emi

Service (sector) Cataract N° CEP

**ANTIBIOTIC SENSITIVITIES AND ENDOPHTHALMITIS ISOLATES
FOLLOWING CATARACT SURGERY: AN EIGHT-YEAR REVIEW.**

Ohkawara, L. E.; Matieli, L. C. V., Liang, S. J.; Yu, M. C. Z.; Hofling-Lima A. L.; Soriano E. S.

PURPOSE: Determine the endophthalmitis incidence rate after cataract extraction; evaluate the most prevalent microorganisms and antibiotic sensitivity. **METHODS:** Retrospective study of endophthalmitis cases between 1995 and 2002. **RESULTS:** From a total of 25657 surgeries, 71 isolates of 65 patients were found. Isolates included 52 Gram-positive, 14 Gram-negative and 5 Fungus. Susceptibility studies disclose that gram-positive cocci were more susceptible to Vancomycin, Ceftriaxone and Ofloxacin. Gram-negative isolates were 100% susceptible to Amicacin, Ciprofloxacin and Ofloxacin. **DISCUSSION:** Gram-positive isolates followed by gram-negative microorganisms accounted for the largest number of cases. Ofloxacin, Ciprofloxacin and Vancomycin are the most suitable for initial empiric treatment.