

represented 95% and 91%, respectively.

Owing to the wide use of gentamicin as the preferred ophthalmic therapy in our country, a notable decrease in the susceptibility of *Staphylococcus aureus* and coagulase-negative staphylococci to this drug was observed. At present time, gentamicin is currently used as a prophylactic agent preventing ophthalmic postoperative infections in Ibn-Al-Haetham Eye Hospital. As it is mentioned previously, 51.25% of patients exhibited growth pre and one day after cataract surgery. This rate indicated that gentamicin was not active sufficiently in prophylaxis and that ocular infections could appear in the first few days following the surgery.

This study suggests that gentamicin can be substituted by ciprofloxacin as a prophylactic drug, which exhibited high efficacy against the obtained isolates in the study. In addition, vancomycin and amikacin can be used in the treatment of endophthalmitis.

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