

Abstract: Otomycosis is a fungal infection of the external auditory canal; middle ear and open mastoid cavity which is frequently encountered by otolaryngologists. It usually presents with nonspecific symptoms of earache, itching, ear discharge, hearing loss, aural fullness, and tinnitus. The condition is seen more in immunocompromised patients than immunocompetent persons. Recurrence rate is high in immunocompromised patients and they need longer duration of treatment and complications are more frequent in these patients. In recent years, opportunistic fungal infections are gaining greater importance as a result of possibly increasing number of immunocompromised patients. We performed mycological analysis of fungal debris from external auditory canal of 100 patients clinically diagnosed with CSOM. The objectives of our study were to recognize the types of fungi involved primarily, the frequency of each species in CSOM cases, and the treatment outcome in patients.

Keywords : Otomycosis, fungi, EAC, itching, review, CSOM,
discharge, pain fungal elements ,incidence