

البحث السابع
(بحث مشترك غير مشتق من رسالة)

عنوان البحث باللغة الانجليزية :

Comparison between local steroids and local steroids plus itraconazole effect in prevention of recurrence of allergic fungal sinusitis in hypertensive and / or diabetic patients

Background

Allergic fungal rhinosinusitis (AFRS) is the most common type of fungal diseases in nose and paranasal sinuses. It is due to hypersensitivity to fungal antigens. The standard treatment for control of AFRS is endoscopic sinus surgery followed by systemic and/or topical steroids. In spite of steroids known to have promising results for the management of AFRS, their prolonged use is not always advised. So, some authors have tried to decrease the recurrence rate of AFRS by using antifungal treatment. In this study, we compared the efficacy of local steroids (Fluticasone nasal spray) versus local steroids plus itraconazole postoperatively in the prevention of recurrence of allergic fungal sinusitis in patients known to be hypertensive or diabetic.

Patients and Methods

A total of 60 patients with AFRS and nasal polyposis were included in the study. Patients were divided randomly into two groups: group A used local steroid and group B used local steroid and itraconazole. Clinical parameters were compared at the end of 6 months.

Results

Patients of group B were better clinically and also by endoscopic examination.

Conclusion

Itraconazole is better to be added in the postoperative treatment of AFRS patients especially for patients who have contraindications for systemic steroids intake.