

The aim of the present study is to evaluate the effectiveness of oral systemic antifungal (fluconazol) with nasal antifungal wash and aggressive surgical debridement in treatment of rhinocerebral mucormycosis. In a prospective hospital based study, we reviewed the management of 32 patients with rhinocerebral mucormycosis in Mosul general hospital and Al-Rahma Hospital (Mosul\_Iraq), over a period of 7 years (Jan 1995 - Dec 2001). Diabetes mellitus was the main underlying cause in our patients and the main causative agent was mucor sp..The mortality rate was 56.2%.

In Conclusion management of patients with rhinocerebral mucormycosis by oral antifungal (fluconazol) with nasal antifungal wash by mixture of clotrimazol and 20% sodium bicarbonate solution and aggressive surgical debridement after the control of the underlying disease, seems to be effective.