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[Clinical study of chronic invasive sinusitis caused by dematiaceous fungi].

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Abstract

OBJECTIVE: To discuss the clinical presentation, diagnostic criterion and treatment principle of chronic invasive sinusitis caused by dematiaceous fungi.

METHOD: One patient was diagnosed as chronic invasive sinusitis based on history, headache, especially eye symptoms without fever, sinus CT and MRI, endoscopic and cytological findings in the nasal cavity. Surgical debridement was performed, and the patient was administered with systemic anti-fungi treatment.

RESULT: *Alternaria* was identified on culture. The patient was proved of tissue invasion histopathologically through biopsy. The patient survived after treatment without recurrence.

CONCLUSION: Extensive and aggressive surgical debridement, prompt and adequate dosage of intravenous antifungal therapy , together with controlling of the underlying disease, all contribute to a complete resolution of the disease.

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