

---

# Problematyka zakażeń grzybiczych w obrębie zatok przynosowych

Problematics of fungal infections in the paranasal sinuses

**Katarzyna Nowak, Witold Szyfter**

Fungal infections of the ear and paranasal sinus, are recognised quite rarely, but they make sometimes, for many reasons, very important diagnostic-therapy issue. Contagion may develop near every paranasal sinus. Facilities to invasion give every states, which weaken general and punctual immunity (like immunosuppression, chemo-steroidotherapy, blood disease, pregnancy and HIV). After penetrated organism, course of infections, in case of type of pathogens, trim of the patient and localization, can have without symptoms, sharp, chronic or fulminant shape. The hardest course with the highest mortality occur in the cases of mucormycosis and aspergillosis. Actually curiosity occur cases of fungal infections, since this times consider to be unpathogenic for humans. For treatment of sinus mycosis in majority surgical treatment is required. In addition or the sake of morphological differentiation fungal, in their developing cycle, treatment mycosis recommends serious difficulty, extra factor, which impedes therapy, is a must of prolongedly antifungal treatment and repeated (to total elimination) remove hyphae from sinus, which stay sometimes even for week. Progress of the mycotic infections in paranasal sinus, remain bacterial infections and is often reason of bad diagnosis and incorrect treatment.