

# **FUNGAL INFECTIONS OF URINARY TRACT: TYPES, CLINICAL PECULIARITIES, DIAGNOSTICS AND TREATMENT**

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**Summary.** Mycosuria is a relatively infrequent condition that accounts for difficulties in diagnosis and treatment. The main problem is a differentiation of the fungal infection and fungal colonization. Mycosuria may result from one of the following: contamination of urine samples, urinary tract colonization, local urinary tract infection (UTI), caused by local or disseminated candidosis with urinary tract involvement. In the case of mycosuria specific antifungal therapy (fluconazole, amphotericin B, etc.) is indicated only in patients with disseminated fungal infection, proven fungal invasion of urinary tract, risk factors for disseminated fungal infection, in cases of instrumental manipulation on urinary tract and in renal transplant patients.

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**Key words:** *urinary tract infections, candiduria, fungal infections, chemotherapy.*