

A Case of Urinary Tract Infection Caused by Achromobacter Xylosoxidans in an Immunocompetent Young Male Patient

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Abstract:

Achromobacter xylosoxidans, previously called Alcaligenes xylosoxidans, is an oxidase positive, motile bacillus found predominantly in polluted aquatic sources. Irrespective of the age group, it primarily causes opportunistic infection and hospital acquired infection under certain conditions. Being a rare causative agent, it has been notified to cause prosthetic valve endocarditis, peritonitis, skin and soft tissue infection, hepatobiliary infections, bacteremia (3), otitis media (6), pneumonia, urinary tract infections, meningitis, and corneal ulcers, particularly in immunosuppressed patients. Infection in an immunologically competent patient is quite rare, and only limited studies are available regarding its prevalence. Urinary tract infection secondary to achromobacter xylosoxidans in an immunocompetent adult is quite uncommon. In our study, we dealt with a case of urinary tract infection (2) in an immunocompetent young male patient caused by A. xylosoxidans, who got admitted, treated with susceptible antibiotics, recovered, and discharged back home with no specific complaints.

Keywords:

Achromobacter Xylosoxidans, Immunocompetent.