

***Alcaligenes xylosoxidans* - patogen przewlekłego zapalenia ucha**

Alcaligenes xylosoxidans - a pathogen of the chronic ear infection

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Summary

Introduction: We discuss a case of a 48-year old man admitted to our Department with symptoms of chronic ear infection, that didn't answer to typical conservative treatment. The culture of the discharge was positive for *Alcaligenes xylosoxidans*. Material and methods: We report characteristic features of that bacteria and we compare them with features of other pathogens typical for otitis media. We present performed treatment too. Results: *Alcaligenes xylosoxidans* is a nonfermenting Gram-negative rod. It can be confused with other nonfermentive, Gram-negative rods, especially *pseudomonas* species, in clinical specimens so that its role as a significant pathogen may be underestimated. *Alcaligenes xylosoxidans* is a part of normal human flora, especially skin and gastrointestinal tract, and can cause serious infections in human (especially in patients with immunodeficiency and premature children). Conclusions: Reports about *Alcaligenes xylosoxidans* as a cause of chronic otitis media are very rare and it can be supposed to stay a new kind of ear infection.