

Nathalie Yepes

Universidad Libre Seccional Cali, Colombia

Title: Left knee septic monoarthritis in a pediatric patient due to shewanella putrefaciens: Case report and literature review

Abstract:

Background: *Shewanella putrefaciens* is a gram-negative, nonfermenting, oxidase-positive, hydrogen sulfate-producing bacillus and a halophilic bacterium. Responsible for unusual infections in humans; considering itself an opportunistic germ in many patients. With varied symptoms in the literature, generating a significant impact on human health with a total of 260 disorders described in the literature in the last 40 years, which indicates the potential danger it represents.

Case presentation: We present the case of a previously healthy 15-year-old male patient with a self-inflicted sharp-object injury while doing fieldwork and a secondary septic monoarthritis due to *Shewanella putrefaciens*.

Conclusions: We describe the bacteriological and clinical characteristics and antibiogram of this bacteria spp. Since in recent years, there has been an increase in notifications of *Shewanella* infections, mainly by *S. algae* and *S. putrefaciens*, which leads us to keep it in mind in patients whose clinical history shows evidence of contact with bodies of water due to the special resistance patterns that must be taken into account when managing these patients to avoid inducing intrinsic antimicrobial resistance.

Biography

Nathalie Yepes belonged to the Department of Basic Health Sciences Bachelor of Medicine Pontifical from Javeriana University, Cali, Colombia