

## ***Oerskovia* Species Bacteremia in a Diabetic Patient**

Sir,

*Oerskovia* species are present mainly in soil and water and are rarely pathogenic for human disease.<sup>[1-3]</sup> *Oerskovia* species represent Gram-positive rod-shaped microorganisms, which were first isolated and described as motile *Nocardia*.<sup>[1]</sup> The organism may be distinguished from *Nocardia* species by the yellow-pigmented colonies without aerial hyphae, motility, and lack of partial acid-fastness.<sup>[1,4,5]</sup> We describe the case of a patient with uncontrolled diabetes mellitus with bacteremia due to *Oerskovia* species.

A homeless man in his early fifties presented with bilateral lower extremity pain and weakness. Physical examination was significant for multiple plantar and dorsal foot ulcerations with multiple exposed bones and tendons bilaterally. The patient was septic and was started on broad spectrum antibiotic coverage, intravenous vancomycin 1 g every 12 h, cefepime 2 g every 12 h, and metronidazole 500 mg every 8 h for severe skin and soft tissue infection and suspected chronic osteomyelitis. Blood cultures grew *Oerskovia* species. The most probable source of entry was the open, chronic diabetic foot wounds. In addition, we suspect that patient's severely uncontrolled diabetes mellitus resulted in impaired cellular immunity and susceptibility to invasive infection with this unusual

pathogen. Due to patient's nonadherence to intravenous antibiotic administration, the regimen was switched to oral sulfamethoxazole–trimethoprim. Given the severity of infection, the patient underwent a left foot second digit and second metatarsal head resection and right foot transmetatarsal amputation. The patient completed a 21-day course of antibiotic treatment with clearance of bacteremia.

Only a few cases of human infections caused by *Oerskovia* species have been published to date. Experience with *Oerskovia* species infections and outcome of treatment is limited. Further studies are required to clarify mechanisms of pathogenicity and clinical manifestations of infections due to *Oerskovia* species.<sup>[4,5]</sup>

### **Declaration of patient consent**

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Nil.

## Conflicts of interest

There are no conflicts of interest.

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