

# A LONG-TERM CHRONIC SCROTAL ACTINOMYCOSIS IN A MIDDLE-AGED PATIENT IN KERMAN: A CASE REPORT

Nasim Eftekhari<sup>1</sup> and Mehdi Khaleghinia<sup>2</sup>

<sup>1</sup>Islamic Azad University-Kerman branch, Iran

<sup>2</sup>Razie Firoz Hospital, Iran

**A** *Actinomyces* species are non-spore forming Gram-positive bacilli. They are part of human/animals' micro-flora and are also among soil inhabitants. Actinomycosis is an opportunistic, indolent, slow growing, chronic progressive and granulomatous infection caused primarily by *Actinomyces israelii*. Less than 100 cases of *Actinomyces neuii* isolates have been reported in the literature. Our case is a 47-year-old man who recognized two painless nodules in his scrotum six months after military training. He did not reveal his problem. Ten years later, both lesions got inflamed and ruptured. He had been treated empirically. About 15 years later, the inflammation reappeared along with general sign and symptoms of acute disseminated infectious disease. In microbiological examination, *Actinomyces neuii* was isolated from purulent aspirate of scrotal lesions. Along with surgical drainage of abscess, he was treated with antibiotics. Physicians must remember that chronic, not purulent lesions of *Actinomyces* may be misdiagnosed with malignancies, too. Some patients like our case may ignore mild sexual disease for its anatomic site. This ignorance may lead to a severe infection.

nasimeftekhari180@gmail.com