

Non-healing chronic cutaneous abscess wound infected with *Proteus mirabilis* in a Shami goat

ABSTRACT

A wound is the disruption in the continuity of skin. Infected wound leads to collection of pus in a cavity formed by disintegration of tissues within the dermis or deeper skin tissues leading to cutaneous abscess. Cutaneous abscesses wounds are common in goats and sheep but infection due to *Proteus mirabilis* (*P. mirabilis*) is very rare. In this case report, a Shami goat which had a ruptured abscess at the neck and head region was initially suspected for caseous lymphadenitis (CLA) caused by *Corynebacterium pseudotuberculosis* (*C. pseudotuberculosis*) however, the isolation and identification of pus and blood swab samples in an aseptic manner revealed the presence of *Proteus* species. The *Proteus* species showed resistance to wide range of antibiotic used in the treatment and causes a non healing abscess wound in the Shami goat.

Keyword: Wound; Cutaneous abscess; Shami goat; *Proteus mirabilis*; Antibiotic resistance