

Corynebacterium pseudotuberculosis Infection in Patagonian Huemul (*Hippocamelus bisulcus*)

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Resumen

Corynebacterium pseudotuberculosis is an intracellular bacteria and the etiologic agent of caseous lymphadenitis in domestic and wildlife species. We report *C. pseudotuberculosis* infection in Patagonian huemul (*Hippocamelus bisulcus*) from the Cerro Castillo National Reserve, Region of Aysen, Chile. Subcutaneous abscesses in the abdominal and pectoral regions from two animals were sampled and bacteriologic isolation was performed. In both cases, we isolated a *C. pseudotuberculosis* strain belonging to the ovine genotype. In addition, one isolate was resistant to ciprofloxacin and streptomycin. We report that *H. bisulcus* is a susceptible species to this bacterium, which is transmitted by direct or indirect contact with domestic sheep (*Ovis aries*) and which represents a potential conservation threat to populations of *H. bisulcus*. Additional research and prevention efforts should be addressed.

Palabras clave

Palabras clave de autor: [Abscess](#); [antibiotic resistance](#); [Chile](#); [Corynebacterium pseudotuberculosis](#); [Patagonian huemul](#)

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