

International Meeting on

VETERINARY AND ANIMAL SCIENCE

August 06 - 07, 2018 | Dubai, UAE

***Ozlem Sengoz Sirin***

University of Mehmet Akif Ersoy, Turkey

Implant-related osteomyelitis after hip and limb prosthesis in dogs and cats

Osteomyelitis is a term used to describe the infection that occurs in the bone. Bacteria, fungi, protozoa and viruses can cause osteomyelitis. Corrosion in foreign bodies and metallic implants is also indicated as the cause of osteomyelitis. The purpose of this study was to examine the causes of osteomyelitis in our prosthesis cases. Six patients with amputation indications and three patients with total hip prosthesis indications were included in the study. Electromyography recordings were taken before the operation of the affected limb and it was evaluated

that there was no neurological damage suitable for the prosthesis. When everything is done according to surgical rules, complications still arise. Complications are inevitable in some cases when appropriate implantation is used, in which implant corrosion is considered to prevent biofilm formation. Radiological and histopathological examinations confirmed that the diagnosis of osteomyelitis in all complicated patients. The causative agent of osteomyelitis was isolated and identified by microbiological examination in cases.

Biography

Ozlem Sengoz Sirin has completed PhD in 2008 from Ankara University and postdoctoral studies from Mehmet Akif Ersoy University School of Veterinary Medicine. She was the coordinator and instructor of the first AOVET course in Turkey. Additionally, she is working in group of TINNET as a delegate of Turkey (TINNET is a European research network funded by the COST program under the Action number BM1306). She finished six important projects in her country and still she is dealing with two projects. She gives orthopedic trainings in her country.

sengozozlem@gmail.com

Notes: