

عنوان مقاله:

Effects of Cefotaxime on Infected Fractured Ulna Histopathology in Rabbits

محل انتشار:

کنگره توسعه همکاری های علمی منطقه ای علوم صنایع غذایی و کشاورزی (سال: 1397)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

The present study was carried out to evaluate the healing activity of cefotaxime on induced infected fracture by *Streptococcus pyogenes* in rabbit model after inducing infected transvers diaphyseal ulnar fracture using pathogenic *Streptococcus pyogenes* (0.025ml from 2.7×10^6 cfu/ml) directly and healing activity after inducing non infected fracture cefotaxime in the rabbit ulna directly. This experiment was carried out on 30 rabbits and included three groups (ten rabbits for each) as following: - Group (A) was the positive control group (infected untreated), group (B) was the negative control group (not infected untreated), group (C) infected group was treated with cefotaxime (0.5gm locally). The results showed that the administration of 0.5gm cefotaxime showed reducing the symptoms of infection and succeeded in treating osteomyelitis or reducing *Streptococcus pyogenes* in the infected rabbits, prevented infection and promote fracture healing

کلمات کلیدی:

Cefotaxime, histopathology, ulna

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