

THE USE OF HARDWARE SYSTEMS «VOSYS-OPTIMA» DEPENDING OF FRACTURES OF THE HUMERUS IN DOGS AND CATS.

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Fracture of the humerus, chreskosnye elements of danger and careful introduction of transosseous elements.

The purpose of the study. - To determine the most effective ways of orthopedic layouts set for external osteosynthesis «VOSYS-OPTIMA» and its components in the treatment of dogs and cats with different localization of fractures of the humerus, and intra-articular fractures of the elbow joint.

Materials and methods. Material for topographic studies was taken from the bodies of dead animals: the prepared humerus with elbow joint and bones of the forearm 2 dogs from shoulder bone - 6 dogs of various sizes, with the humerus bones of the forearm from - 3 medium-sized cats. One kill dogs and cats one corpse used for angiographic studies. Determined clinical density bone segments, as well as the danger zone and careful introduction chrezkostnyh elements to avoid damage neurovascular trunks. Clinical tests designed layouts hardware systems «VOSYS-OPTIMA» was carried out on 7 dogs and 11 cats with different localization of fractures of the humerus, and intra-articular fractures of the elbow.

We present an approach for surgical intervention in dogs and cats with the use of external fixation devices of «VOSYS-OPTIMA» at different levels humeral fractures, including fractures of the elbow joint. On native bone polymeric bone layouts and methods practiced cadaveric humerus fixation hardware structure through transosseous mismatched elements depending on the size and weight of the animal. Identify options for the preferred configurations of hardware designs, depending on the nature of the fracture, the mass of the animal species identification.