

ONE-LAYER INTESTINAL SUTURES IN DOGS

V. Vaitkus, Ž. Januškaitis

Summary. At the surgery department of the clinic of Lithuanian Veterinary Academy experimental incisions and resections of small intestines were performed in order to evaluate the possibility of placing a one-layer uninterrupted catgut suture and to compare its performance with that of a traditional two-layer suture (by Schmieden and Lembert). We found that the incision is closed well enough in both cases, however the time of the operation is much shorter when one-layer suture is used and the diameter of the intestine at the place of the intervention remains wider. It was found histologically that the postoperative defect of the mucosa was less marked for a one-layer suture.

Keywords: dogs, intestines, surgical treatment.