

THERAPEUTICAL EFFECT OF CARBASEPT AND CARBASEPT-OXY CREAMS IN TREATMENT OF WOUNDS, JOINT AND TENDON INFLAMMATIONS

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Summary. Carbasept and Carbasept-oxy creams were created for treatment of wounds and inflammations. They are made from emulsion-type base (water, oil) with urea, methyl salicylate, camphor, and oxytetracycline was added to oxy-ointment.

Investigations revealed that using carbasept fresh wounds in dogs healed in $9,1 \pm 1,61$ days and in cats $5,2 \pm 1,47$ days. Treatment of contaminated, purulent wounds took longer – $17,1 \pm 1,72$ days in dogs and $10,1 \pm 1,65$ days in cats. Using carbasept-oxy fresh wounds healed faster, compared to carbasept (5-8 and 4-6 days respectively), and purulent wounds healed in 10-13 days in dogs and in 7-10 days in cats. Fresh wounds in horses and cattle treated with carbasept healed in $15,6 \pm 5,51$ and $8,1 \pm 1,94$ days, respectively. Treatment of contaminated purulent wounds took longer, in horses up to 26 days, in cattle up to 19 days. Using carbasept-oxy the duration of treatment was shorter, compared to carbasept. Purulent wounds in horses healed in 10-20 (average $12,2 \pm 3,53$) days, in cattle in 6-9 (average $7,3 \pm 1,52$) days. Tendinitis in horses healed in 6-14 (average $11,2 \pm 3,12$) days. Purulent tendinitis due to wound healed in 18-29 days. Commotion of the joint healed in 14-23 days (average $18,5 \pm 3,14$) days.

We have to admit that the emulsion-type base that we made and medications that are present in the creams add to one another's action, shows good activity in inflamed tissues, and carbasept stimulates transdermal penetration of medications and retraction of exudate from inflamed tissues. Carbasepts demonstrate antimicrobial and antiinflammatory activity, are effective in treatment of purulent wounds, help to remove toxins, dead tissues and contaminants from the inflammation site. It's suggested to use carbasept to treat wounds, tendinitis and periartitis.

Key words: creams, carbasepts, wounds, tendinitis, periartitis, treatment.