

## PHARMACOLOGICAL PROPERTIES AND EFFICACY OF SPUMOSAN F IN TREATING ENDOMETRITIS IN COWS

R. Mockeliūnas, V. Špakauskas, A. Stundžienė

**Summary.** A new pharmacological preparation was developed and tested at Lithuanian Veterinary Institute. The preparation produces an extended effect and is designed for the treatment of endometritis in cows. It has been determined that the preparation is of low toxicity ( $LD_{50}$  for white mice is 6,8 ml/kg, guinea-pigs - 8,29 ml/kg of body weight), remains stable for 12 months has good curing properties. Its carency time is 96 hours. 104 cows having purulent endometritis were treated with the new preparation. 78,6-94,1% of the treated cows were cured in 15,2-18,8 days. 84,4-91,3% of them got impregnated in 86,5 -103,3 days.

**Keywords:** cows, endometritis treatment, polymixine M, streptocide, xeroform, furaciline, toxicity.