

FUNCTIONAL STUDY THE HEART OF RACE HORSES

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Summary. In the period of 1984-1988 cardio-vascular state of 11 best 4-13 years old Lithuanian race horses (jumping through obstacles) was studied. The horses (10 stallions and one mare) were grouped according to their age. In the first group there were the horses 4-8 years old, in the second group there were horses aged 8-13.

The clinical tests on the heart and blood vessel's function were carried out after 12 hours of rest and after 15-20 min. of training.

The results of three year's heart function studies showed only slight differences in the electrocardiograms between these two groups. It may be useful for investigators of race horses in the future.

Keywords: race horse, heart, electrocardiogram.