

## **Abstract**

### **Work title:**

Coordination abilities of women kickboxers during the menstrual cycle

### **Purpose:**

The purpose of this thesis work was to find out whether the level of coordination abilities of women kickboxers was changed throughout the menstrual cycle.

### **Methods:**

The data was measured using selected motor tests from the publication Měření a testy v antropomotorice III (Měkota, 1979). The results were statistically analysed by Friedman test and Wilcoxon test.

### **Results:**

We found marked changes in level of balance abilities during the menstrual cycle in the tested group.

### **Key words:**

Kickbox, coordination abilities, menstrual cycle.