

## **ABSTRACT**

**Title:** Performance aspects in white water slalom

### **Aim**

The study is a summary of articles published between the years 2006 - 2011. The aim is to present the researched issue of top - level sport in the example of white water slalom.

Articles are arranged in accordance to the factors of sport performance. The first thematically include articles concerned with conditioning factors of performance, then continue articles analyzing somatic factors and at the end there are listed papers on psychological preparation and psychological factors.

### **Methods**

These articles were mostly case studies which have been conducted on a sample of national team athletes or top athletes in the Czech Republic. The exception is the articles 5.3 and 5.4, which are descriptive studies on a large sample of top world class athletes. The studies used a survey and testing.

### **Results**

The individual articles addressed the importance of performance indicators in white water slalom, applied to the selected factors. Results of studies are always subjected to deliberately selected files of athletes, top-level competitors in the Czech Republic and abroad. The results, therefore, cannot be generalized and applied to a population of white water slalom racers, but can show some patterns that could be accepted in practice.