

## **ABSTRACT**

**Title of thesis:** Front crawl technique of 12 years old boys

The aim of our study is to determine key points of front crawl technique of 12 years old boys and recognize importance of technique component participation in performance of youth swimmers. Two groups of swimmers cooperated with us, in first group there were top 3 swimmers of front crawl event in Czech national championship (7 boys) and in second group there were swimmers of lower performance (2 boys). We used observation and qualitative analysis of video tapes we had recorded in the swimming flume and analysed the recorded tapes in the Dartfish software. We compared the technique of monitored swimmers with the model technique. The results of our study indicates possibility of different front crawl technique of youth swimmers. Swimmers of this age nearly avoid the basic mistakes of front crawl but in some ways we find differences between model technique and technique of the tested swimmers. Although the technique of both groups is quite different we don't think it is the main reason of different performance.

**Key words:** swimming, front crawl stroke, youth boys, flume, analysis