

# **BACHELOR THESIS ABSTRACT**

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**Title of the bachelor thesis:** Testing the function of the shoulder girdle in wild water slalom. Comparison of groups with the history of shoulder girdle injuries and without injuries

## **Abstract:**

This bachelor thesis deals with the objective assessment of the influence of shoulder girdle injury on its functional status in wild water slalom using the UQYBT and CKUEST test. The bachelor thesis is divided into theoretical and practical parts.

The theoretical part of the thesis is devoted to the shoulder girdle, its anatomy, kinesiology and the problems of its most common injuries in canoe slalom athletes together with the introduction of the basic characteristics of canoe slalom and the functional tests used in this thesis.

The practical part of the thesis focuses on testing and comparison of a group of actively competing slalomers with a history of injury and a control group. A total of 14 probands participated in the testing who were divided into control and study groups. The probands in the study group had a history of shoulder injury while the control group did not. Subsequently, testing of the study and control groups was performed using the CKUEST and UQYBT test.

Based on the evaluation of the results and comparison of the control and study groups, no statistically significant difference was found between the groups for either test. This failed to support the premise that individuals with a history of shoulder injury would perform worse.

**Keywords:** canoe slalom, functional testing, shoulder injuries, shoulder girdle, physiotherapy