

## **BACHELOR THESIS ABSTRACT**

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**Title of bachelor thesis:** Physiotherapy in patients with Thoracic Outlet Syndrome

### **Abstract:**

The thesis consists of theoretical and practical part. In the theory part, a literary research has been conducted, examining the general introduction of the topic. Later, this research is going deeper into themes such as aetiology, pathogenesis, classification and possibilities of the therapy which are individually dependent on the clinical aspect. The physiotherapy is the main agent of the conservative approach so the chosen physiotherapeutic approaches or concepts has been presented and later used in the practical part.

Also, there was the elaboration of a case study of two probands with a venous form of TOS. The target of this was to influence the found pathology with adequately formed therapeutic unit. Then, the effectivity has been evaluated, which brought positive outcomes in the objective and subjective view.

The following component was to create a prospectus with autotherapy. The discussion focused on the factors that contribute to the effectiveness of treatment, what is the cause of the disease and how to prevent this condition or prevent recurrence. The differential diagnosis and the consideration of arguments for the chosen approach is also mentioned. The target of the work was to fill and prove, that the physiotherapeutic intervention succeeds in influencing the factors that contribute to compress the subclavian vein and form TOS.

**Key words:** thoracic outlet syndrome, scalene muscles, subclavian vein, thrombosis, physiotherapy