

## **ABSTRACT OF THE THESIS**

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**Opponent of the thesis:**

**Title of the thesis:** Physical and physiotherapeutic possibilities for treatment of scars and keloids

### **Abstract of the thesis:**

This bachelor thesis deals with possibilities of scar and keloid treatment by physiotherapeutic methods and physical therapy. The goal of this thesis is to evaluate the effect of chosen therapies on chosen patients with problematic scars.

The thesis is divided into a theoretical and practical part. The theoretical part is focused on origin and evolution of scars, both of which is crucial for its final shape. There is also description of the methods that a physiotherapist can use while treating the scar. Part of the thesis is also dedicated to a description of particular methods of physical therapy that can be applied by a physiotherapist or a doctor.

Practical part of the thesis describes the objectives, processing methods and realization process. Then it contains five casuistries of patients of various age with different diagnoses and a post-operative scar which is placed in different locations. Therapy effect is assessed by observing the differences in results between initial and output examination focused on scar examination, pain scale evaluation and possible limits which may be potentially influenced or directly caused by the scar.

**Key words:** keloid, laser, physiotherapy, scar, treatment