

Abstract:

The main aim of this bachelor's work was to create a grip test which could be afterwards applied on patients after a stroke. An easy and time undemanding test was created whose evaluating standard is the number of achieved points. This test is used to find out the patient's functional condition in a grip area. It tests five kinds of grips. There evaluated stages of reaching, gripping, holding and releasing in each grip. The bachelor's work is divided into two parts: practical and theoretical. The theoretical part describes not only the impact of a stroke but also the impact on the upper limb, hand and its functions and grips. It also describes testing and assessment. The practical part describes the time necessary to do the project, its realisation and application of the grip test on patients after stroke. This part also shows the results of testing.

Key words:

Stroke

Upper limb

Grip

Assessment of hand grip

Grip test