

Purpose of this thesis has been design and construction of instrument for quantitative sensory testing in neurology – exactly for mechanical pain threshold and wind up phenomenon.

The thesis is divided into the two parts: theoretical and practical research. Theoretical part is concerned of pain and its diagnostics. I make a list of possible methods examinations in neurology. In practical part I describe construction of instrument and kind of methods which can be used for.

At the end of thesis I make a presentation of results the studies.