

Abstract of the Diploma Thesis:

The presented diploma thesis is focussed on the standardization of the modified test of *Working curve by Emil Kraepelin and Richard Pauli*, in agrément with the project PREGnet - basic methodology for ergodiagnostic examination in Czech Republic.

The methodology was modified for manipulation activities and termed *Test of rope clamps*. It handles contraindications in the use of basic test and absence of standardized ergodiagnostic and endotherapeutic tests, tools and procedures in the field of examination and therapy of hand function.

The thesis is both theoretical and empirical and it is based on the quantitative type of research.

Theoretical part is represented by a literature survey oriented on the test of *Working curve by Emil Kraepelin and Richard Pauli*, its modified vision and its practical application.

Practical part is composed of a psychometric study determining normative data and development of test documentation. Representative sample was selected by accidental selection method from economically active healthy Czech population. Techniques for quantitative type of research were used for data collection. Collected data were treated and analysed by methods of descriptive statistics.

Developed documentation and the normative data for *Test of rope clamps* can be used in clinical practice as an objective tool evaluating model activities and thus contribute to function diagnostic, therapy and for evaluation of Occupational Therapy intervention.

Key words: ergodiagnostics, hand activities, normative data, Test of rope clamps,
Working curve by Emil Kraepelin and Richard Pauli