

# SUPERVISOR MASTER'S THESIS EVALUATION REPORT

Study program: SPECIALIZATION IN HEALTH SERVICE - Master degree

Study branch: PHYSIOTHERAPY

Author:

Bc. Salem Baqhoum

Supervisor:

PhDr. Tereza Nováková, Ph.D.

Consultant:

Mgr. Jan Vávra

Master's thesis name:

Effectiveness of Ankle and Foot joint mobilization for Improving Stability Analyzed by Computerized Dynamic Posturography.

The aim of the diploma thesis:

The aim of the study was to observe if joint mobilization of ankle and foot joints would improve the stability using the by Computerized Dynamic Posturography (neurocom) as a measurement tool.

1. Scope:

Number of pages of the thesis / text	74/51			
Number of used sources	76			
		Monograph	Journals	Others
		10	57	9
Others	Tables	Fig./Photos	Graphs	Supplements
	18	24	0	3

2. Formal and language level of thesis:

	excellent	very good	good	unsatisfactory
independence of the student in the processing of the thesis	X			
choice and definition of the topic, originality	X			
degree of fulfillment of the goal of the thesis	X			
logical structure of the work		X		
work with literature, use of citation standard	X			
work editing (text, graphs, pictures, tables)			X	
stylistic level of the text		X		

3. Criteria for evaluating the theoretical part of the thesis:

	excellent	very good	good	unsatisfactory
understanding of the topic and orientation in the issue	X			
analysis and interpretation of literary review		X		
application of bibliography results for connection to the experimental part		X		

4. Criteria for evaluating the special part of the work:

	degree of evaluation			
	excellent	very good	good	unsatisfactory
hypotheses - relevance and quality of their definition	X			
research set - adequacy of selection		X		
methodology - used evaluation methods and their quality	X			
results - presentation and interpretation	X			
statistical processing and data analysis	X			
discussion - interpretation of results in relation to current knowledge		X		
conclusion - self-evaluation level of the work		X		

*all parameters meets the requirements for a master's thesis*

5. Usefulness of the results of the work in practice:

above average    average    below average

6. Additional commentary and evaluation, questions for defense:

This work is based on a well-executed experiment. Unfortunately, the written processing is at least one level lower. I highly appreciate the graduate's ability to organize research in the field and statistically process the results. The work tries to confirm the hypotheses that may be the basis for evaluation of the physiotherapeutical approaches and methods according EBM.

Is there assumption of positive effect of ankle and foot joint mobilization on the other parameter of motor control than dynamic postural stability?

Is there anything you would change in design of research with your current experience?

**7. Statement of the supervisor:**

I declare that after studying the whole work I found that in the work the referenced sources are properly cited or paraphrased. The work was evaluated by the similarity test (SIS - Turnitin). A report on the evaluation of the similarity of the final thesis is attached in the electronic documentation of thesis in SIS. Unfortunately, the Turnitin evaluation protocol is distorted by the previous continuous inspection done by the supervisor of the thesis from 19 May, which remained stored in the Turnitin archive and causes match in the final protocol.

**8. Recommendation for defense:**

yes	yes-with-reservations	no
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**9. Proposed classification level:**

very good
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In Prague on: 5th May 2020

*T. Novák*

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supervisor's signature