

BACHELOR THESIS OPPONENT'S REFERENCE

Study program: SPECIALIZATION IN HEALTH SERVICE - Bachelor degree

Study branch: PHYSIOTHERAPY

Opponent's name:

PhDr. Helena Vomáčková, Ph.D.

Author's name:

Mgr. Lucie Fiala

Supervisor's name:

Mgr. Michaela Stupková

Retrieved:

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The title of the bachelor thesis:

Case study of physiotherapy Early Phase Rehabilitation and Adaptation following Lower Limb Amputation

The aim of the bachelor thesis:

The aim of the thesis is to present the case study of a patient during the rehabilitation process with a diagnosis transfemoral amputation and currently available treatments

1. Scope:

number of thesis / text pages	109 / 120			
number of used sources	84			
others	tables	figures	graphs	supplements
	25	1	0	2

1. Formal and language level of thesis:

	excellent	very good	good	unsatisfactory
fulfilment degree of the thesis goal	x			
work with literature, use of citation standard			x	
work editing (text, graphs, pictures, tables)	x			
level of the text style	x			

3. Evaluating criteria of the thesis:

	degree of evaluation			
	excellent	very good	good	unsatisfactory
quality of the theoretical content and processing	x			
<i>The quality of processing corresponds to the demands of the bachelor's thesis; the theoretical part is processed on 39 pages of text. The theoretical part is mostly composed of current published sources (mostly from research papers).</i>				
logical structure of the thesis and balance of the chapters		x		
<i>The theoretical part of the thesis is logically organized into chapters describing the abiogenesis, types of LLA, incidence, clinical picture and symptoms. A large part of the theoretical part concerns types, prostheses, stages, prognosis and complications after LLA. At the same time, the theoretical part also covers the pathokinesiology of LLA, physiotherapy and rehabilitation pre- and post- surgery approaches. Chapter 3.1 Methodology of work is prepared without mentioning the theoretical type of work and there is no information about the conditions for obtaining the approval of the Ethics committee of the UK FTVS.</i>				
chosen examination techniques, design and their recording		x		
<i>The examination techniques chosen for the initial and final kinesiology examinations correspond to the knowledge of the bachelor's degree programme. Their selection is adequate to the diagnosis and their record includes correct placement, performance but often lacks the name of the author of the therapeutic technique. Anamnestic data concerning the description of the patient's current condition and additional information about other diagnoses are mentioned only very briefly. Missing information describing the patient's condition is mentioned only at the extensive conclusion of the initial examination.</i>				
ability to evaluate the intervention and interpretation of the results	x			
<i>The evaluation of therapy is presented in a separate chapter (chapter 3.6, pages 100-105), including a summary in chapter 3.6.1 (Summary of Therapy Effectiveness) and 3.6.2 Prognosis. The thesis also includes a successful discussion referring to the incorporating of EMB techniques into the treatment plan.</i>				
level of the work evaluation in relation to current knowledge	x			
<i>Unfortunately, at the end of the thesis there is no evaluation of the fulfilment of the objectives of the thesis itself. On the other hand, the personal conclusion expresses the student's sensitive personal view of therapy and the possibility of increasing her expertise with the LLA patient (3.8, p. 109).</i>				

4. Additional commentary and evaluation, questions for the defence:

The elaboration of the theoretical part of the thesis and the personal and professional approach of the student, which is evident from the submitted text in the practical part of the thesis, fully corresponds to the requirements for physiotherapy knowledge and approach at the bachelor's level. I am confident that Ms. Mgr. Lucie Fiala performed all therapeutic techniques as "lege artis" (although the authors of the techniques are not named in the text) as she learned and mastered them during her studies. I recommend the thesis for defence and ask the student A) to comment on the therapeutic technique she finds most beneficial for the patient as part of the defence; B) to propose a therapeutic technique based on neurophysiological foundations that would increase the functional capacity of the patient.

5. Statement of the opponent:

I declare that all referenced sources are properly cited or paraphrased in the thesis. The thesis has been evaluated by the similarity test (Theses - Turnitin). The similarity protocols of the thesis are part of the electronic documentation of the thesis (in SIS) and reflects a 11% overall similarity (Theses.cz) and a 66% overall similarity (Turnitin).

7. Recommendation for the defence:

yes	yes with- reservations	no
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8. Proposed classification level:

excellent - very good (according to the defence)

In Prague May 8th 2023.

PhDr. Helena Vomáčková, Ph.D.

opponent's signature