

# BACHELOR THESIS OPPONENT'S REFERENCE

Study program: SPECIALIZATION IN HEALTH SERVICE - Bachelor degree

Study branch: PHYSIOTHERAPY

Opponent's name:

Ph.D. Helena Vomáčková, Ph.D.

Author's name:

Asem Abdelgawad

Supervisor's name:

Mgr. Kateřina Maršáková

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The title of the bachelor thesis:

Case study of physiotherapy treatment of a patient after a pertrochanteric fracture of the proximal right femur

The aim of the bachelor thesis:

The aim of the thesis is to evaluate the impact of physiotherapy approach provided to a patient who was diagnosed with a pertrochanteric fracture of the proximal right femur.

1. Scope:

number of thesis / text pages	96/ 88			
number of used sources	43			
others	tables	figures	graphs	supplements
	41	8	0	5
<b>1. Formal and language level of thesis:</b>	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
<b>quality of the theoretical content and processing</b>			x	
<i>The quality of processing corresponds to the demands of the bachelor's thesis; the theoretical part is processed on 24 pages of text. The theoretical part lacks a comprehensive text in which the knowledge and outcomes of current modern physiotherapeutic techniques tested on EBM would be systematically organized.</i>				
<b>logical structure of the thesis and balance of the chapters</b>		x		
<i>The theoretical part of the thesis is logically organized into chapters describing the characteristics and classification of hip fractures and their surgical treatment. The anatomy, kinesiology and biomechanics of the joint are also mentioned very briefly in the chapter. At the same time, the theoretical part also briefly deals with general physiotherapeutic approaches, which are not complemented by published results of currently used therapeutic approaches and innovative techniques. Chapter 3.1 Methodology of the thesis is written without specifying the type of work and from which sources the materials for the theoretical part were drawn.</i>				
<b>chosen examination techniques, design and their recording</b>		x		
<i>The examination techniques chosen for the initial and final examinations in kinesiology correspond to the knowledge of the bachelor's degree programme. Their selection is appropriate to the diagnosis and their record often does not include the direction of the examination (e.g. Table 16; Chapter 3.4) and the name of the author of the examination/treatment technique is often missing (e.g. Chapter 3.3.11 and whole practical part of the thesis).</i>				
<b>ability to evaluate the intervention and interpretation of the results</b>		x		
<i>The evaluation of the therapy is presented in a separate chapter (chapter 3.9, pages 100-105), including a summary of the results of the therapy in tables (table number 35-41), where again the description of the direction of the examination (table number 40, 41, ...) and the author of the examination technique used are missing. The thesis also includes a successful discussion (Chapter 3.10.) referring to the incorporation of EMB techniques into the treatment plan. The prognosis of the patient is missing.</i>				
<b>level of the work evaluation in relation to current knowledge</b>		x		
<i>Unfortunately, the conclusion of the thesis lacks an evaluation of the fulfilment of the objectives of the thesis itself. On the other hand, the personal conclusion expresses the student's personal view of therapy and the possibility of increasing his expertise in a patient with a</i>				

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

*Despite the objections mentioned above, the treatment of this undergraduate meets the requirements for the knowledge and approach of physiotherapy at a bachelor's level. I am convinced that Mr. Asem Mohamed Abdelgawad has performed all the therapeutic techniques as "lege artis" (although the authors of the techniques are not named in the text) as he has learned and mastered them during his studies. I recommend the thesis for defence and ask the student to A) comment on the therapeutic technique that he considers most beneficial for the patient; B) suggest a therapeutic technique based on neurophysiological foundations that would increase the patient's functional capacity.*

**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 71% overall similarity (Theses.cz) and a 35% overall similarity (Turnitin).

**6. Recommendation for the defence:**

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

*very good - good (according to the defence)*

In Prague August 23rd 2023.

PhDr. Helena Vomáčková, Ph.D.

opponent's signature