

BACHELOR THESIS OPPONENT'S REFERENCE

Study program: SPECIALIZATION IN HEALTH SERVICE - Bachelor degree

Study branch: PHYSIOTHERAPY

Opponent's name:

Mgr. Helena Vomáčková, Ph.D.

Author's name:

Giammaria Cattozzo

Supervisor's name:

PhDr. Jitka malá, Ph.D.

The title of the bachelor thesis:

Physiotherapy Case-Study: Rehabilitation of a patient after Ischemic Cerebrovascular Accident

The aim of the bachelor thesis:

The aim of the thesis is to present the case-study of a patient during the rehabilitation treatment from an ischemic cerebrovascular accident in acute and sub-acute state.

1. Scope:

number of thesis / text pages	91/67			
number of used sources	91			
others	tables	figures	graphs	supplements
	19	5	0	0

2. 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 28 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 work is logically compiled in chapters describing the functional anatomy CNS, CVA (history background, manifestation, medical treatment, physiotherapy after iCVA), spasticity management and Evidence Based actual rehabilitation frontiers (virtual reality, robotic gait rehabilitation) of iCVA; the content of individual chapters exceeds the requirements of the bachelor's thesis. The formal structure of the bachelor's thesis is less common (no appendices are attached to the thesis, the approval of the Ethics Committee and Informed Consent is part of the thesis (p. 89, 91); the list of tables and the list of figures is given on the same page as content is presented (p. 8)). Chapter 5.4.2 Self-treatment (p. 75) is, in my view, illogically located at the end of the work.</i>				
chosen examination techniques, design and their recording		x		
<i>The selected examination techniques within the initial and final kinesiological examination correspond to the knowledge of the bachelor's study program. Their choice is adequate for diagnosis and their record contains the correct location, design and author. The chapter "Therapeutic plan" (p. 52) lacks a detailed plan of an individual physiotherapy proposed by the student.</i>				
chosen therapeutic techniques, design and their recording			x	
<i>Although a "plan" is mentioned within each described therapeutic unit (pp. 53-61) ("main objective" and "secondary objective") there is no detailed description of any therapeutic technique (including exact location, direction of therapy, methodology, author of the technique, number of repetitions, ...) The individual therapeutic units also lack the result of the applied therapy and the indication of autotherapy.</i>				
ability to evaluate the intervention and interpretation of the results	x			
<i>The evaluation of the therapy is performed in a separate chapter (5.4., p. 71) on 3 pages of the text, including the presentation of well understandable tables of the effect of the therapy. The suspected patient's prognosis is also described as part of the evaluation of the therapy (p. 5.4.1, p. 74).</i>				
level of the work evaluation in relation to current knowledge		x		
<i>Unfortunately, at the end of the work there is no evaluation of the fulfilment of the goals of the work itself. But on the other hand, the student's sensitive personal view of therapy and work with the patient is expressed sensitively.</i>				

4. Usefulness of the thesis results in practice:

above average	average	below average
---------------	---------	---------------

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

The elaboration of the theoretical part of the work and the student's personal and professional approach, which is clear from the presented text in the practical part of the work, fully meets the requirements for physiotherapeutic knowledge and attitude at the bachelor's level. I am convinced that Mr. Giammaria Cattozzo performed all the therapeutic techniques as "lege artis" as he learned and mastered during his studies. I recommend the thesis for defence and I ask the student to complete the necessary details for each individual therapeutic unit within the framework of "errat" (Chapter 4).

6. Statement of the supervisor:

I declare that all referenced sources are properly cited or paraphrased in the thesis.

7. Recommendation for the defence:

yes	yes with reservations	no
-----	--------------------------	----

8. Proposed classification level:

according to the defence

In Prague 25th June 2021.

Mgr. Helena Vomačková, Ph.D.

opponent's signature