

BACHELOR THESIS SUPERVISOR'S REFERENCE

Study program: SPECIALIZATION IN HEALTH SERVICE - BACHELOR DEGREE

Study branch: PHYSIOTHERAPY

Author's name:

Husam Aldin Bakarar

Supervisor's name:

Mgr. Gabriela Kočí

The title of the bachelor thesis:

Case study of physiotherapy treatment of a patient after ischemic stroke in basal ganglia with right sided spastic hemiparesis

The aim of the bachelor thesis:

This thesis aims to consolidate theoretical insights into ischemic stroke and present a detailed case report of a patient experiencing rightsided hemiparesis following an ischemic stroke in the basal ganglia

1. Scope:

number of thesis / text pages	102/113			
number of used sources	37			
others	tables	fig./photos	graphs	supplements
	33	1	1	3

2. Formal and language level of thesis:

	excellent	very good	good	unsatisfactory
independence of the student in the processing of the thesis		x		
fulfillment 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		
logical structure of the thesis and balance of chapters		x		
chosen examination techniques, design and their recording	x			
chosen therapeutic techniques, design and their recording	x			
ability to evaluate the intervention and interpretation of the results	x			
level of the work evaluation in relation to current knowledge	x			

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

The submitted bachelor's thesis corresponds to the knowledge and abilities of a 3rd year student of physiotherapy. I appreciate: the processing of current knowledge of physiotherapy procedures for patients after a stroke, the connection of theory and practice. I also appreciate the level of involvement in the patient's therapy despite the language barrier between student and patient.

I rate the stylization of the work poorly - work with tables, graphs, punctuation, which do not meet the formal requirements of a bachelor's thesis, unfortunately the student did not consult the work. I miss a better illustrated evaluation of the effect of the therapy.

Questions: 1. Which of the neurophysiologically based methods that you used with the patient did you find most valuable for the patient and why? 2. You mention the use of botulinum injections, which muscle groups were they used to affect? On what principle does the use of botutoxin work? Did you notice any changes immediately after application? Did it affect your therapy with the patient? Were there any contraindications for rehab that day? 3. What physiotherapy methods would you choose in the medium term with such a patient? What would you focus on?

5. Statement of the supervisor:

I declare that all referenced sources are properly cited or paraphrased in the thesis. The thesis was evaluated by the similarity test (SIS - Turnitin), and the similarity report is attached in the electronic documentation of thesis in SIS.

6. Recommendation for the defense:

yes	yes with reservations	no
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7. Proposed classification level:

Very good- According to the defense

In Prague: 3.1.2024

supervisor's signature