REFERENCE OF BACHELOR THESIS SUPERVISOR

Study program: SPECIALIZATION IN HEALTH SERVICE - Bachelor degree
Study branch: PHYSIOTHERAPY

Author´s name:	Seyed Sadrodin Nourbakhsh
Supervisor's name:	Mgr. Ilona Kučerová
Submitted:	Prague, December 2022

The title of the bachelor thesis:

Case Study of Physiotherapy Treatment of a Patient with the Diagnose of Peripheral Ankylosing Spondylitis

The aim of the bachelor thesis:

The theoretical part mainly focuses on diseases such as their pathophysiology, signs & symptoms, and surgical & physiotherapy management. The practical part includes a case study consisting of a patient diagnosed with peripheral ankylosing spondylitis.

1. Scope:

number of pages of the thesis / text	69/76		
number of used sources	45		
number of used sources	monographs	journals	others
	7	38	0
others	tables	fig./photos	graphs	supplements
	43	0	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			
degree of fulfilment of the goal of the thesis	x			
work with literature, use of citation standard			x	
work editing (text, graphs, pictures, tables)		x		
stylistic level of the text	x			

3. Evaluating criteria of the thesis:

	degree of evaluation			
	excellent	very good	good	unsatisfactory
quality of the content and processing the theoretical part	x			

The quality of processing corresponds to the requirements of the bachelor's thesis, the theoretical part is processed on 21 pages of text.

logical structure of the thesis and balance of chapters	x			

The thesis is logically organized into chapters describing the definition of ankylosing spondylitis, pathophysiology, clinical picture, differential diagnosis, prognosis, surgical management, physiotherapeutic examination, treatment and also a chapter describing the effects of therapeutic approaches and their comparative evaluation; the selection of the scope and content of individual chapters corresponds to the requirements of the bachelor thesis.

chosen examination techniques, design and their recording	x			

The chosen examination techniques in the initial and final kinesiological examination correspond to the knowledge of the bachelor's study programme. Their selection is adequate to the diagnosis and their record includes correct location, performance and author.

chosen therapeutic techniques, design and their recording	x			

The therapeutic techniques used are appropriately chosen and reflect a comprehensive approach to patient therapy (thromboembolic prevention, passive stretching, respiratory therapy, PIR, PIR with stretching, PNF, soft tissue tension modification techniques, mobilization techniques, systematic and analytical strengthening techniques. Techniques are also used to modify basic movement stereotypes and ADLs. Instruction and assignment of self-therapy is part of the therapy designed and provided.

ability to evaluate the intervention and interpretation of the results			x	

The evaluation of the therapy is done in a separate chapter (chapter 3.7) in a very brief description. The description completely lacks information on the specific effect of the therapy on individual clinical findings.

level of the work evaluation in relation to current knowledge		x		

The final evaluation lacks an assessment of the work in relation to current (published and practical) knowledge. The thesis also lacks an evaluation of the fulfilment of the objectives of the bachelor thesis.

4. Additional commentary and evaluation, questions for defence:

Despite the little criticisms mentioned above, the work of Mr. Seyed Sadrodin Nourbakhsh meets the requirements for the completion of a bachelor's degree in physiotherapy. The student worked independently in completing the thesis and was able to respond to comments and criticisms.

I recommend the thesis for defence. As part of the defence, I ask the student to explain if and why it would be appropriate to use systematic techniques such as sensorimotor stimulation.

5. Statement of the supervisor:

The thesis has been assessed by the similarity test (Theses - Turnitin). The thesis similarity protocol is a part of the electronic documentation of the thesis (SIS) and reflects **47% overall similarity** (Theses.cz) and **37% overall similarity** (Turnitin).

6. Recommendation for defence:

yes	~~yes with reservations~~	~~no~~

7. Proposed classification level:

very good

Mgr. Ilona Kučerová

In Prague 12.1.2023

supervisor's signature