

REPORT OF BACHELOR THESIS - opponent

Opponent's name:

Mgr. Lenka Samková

Leadership's name:

PhDr. Lenka Satrapová, Ph.D.

Student's name:

Sophia Tzioni

Title of diploma thesis:

Case study of physiotherapy treatment of a patient with diagnosis of bilateral gonarthrosis - grade 3, with varus deformity of the right knee

Goal of thesis:

"The aim of this thesis is to initially review the anatomy, kinesiology and biomechanics underlying the patient's condition demonstrate and then analyze and evaluate the therapeutic units that were provided."

1. Volume:

* pages of text	125
* literature	47
* tables, graphs, appendices	33 tables, 23 figures

2. Seriousness of topics:

	above average	average	under average
* theoretical knowledges	X		
* input data and their processing		X	
* used methods		X	

3. Criteria of thesis classification

	evaluation			
	excellent	very good	satisfactory	unsatisfactory
degree of aim of work fulfilment	X			
depth of analysis of thesis	X			
logical construction of work	X			
work with literature and citations		X		
adequacy of used methods	X			
design of work (text, graphs, tables)		X		
stylistic level		X		

4. Usefulness of the thesis outcomes:

	under average	average
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5. Comments and questions to answer:

Theoretical part of the thesis is divided in two main chapters: Knee Joint and Shoulder Joint, where both chapters

have very different length and depth. Namely the chapter Knee Joint is written on 23 pages and completely fulfilled the knowledge of the knee issue. In some cases the information written in this chapter is quite far from the topic of physiotherapy especially in chapter Diagnostic procedures. What I really appreciated is the usage of scientific studies which precisely corresponding with the subject of the chapter (e.g. study of Motooka et al., 2012 in the chapter Foot Pressure Distribution). The chapter Shoulder Joint is written very clearly and completely covers the subject in the range of 12 pages. In conclusion the whole theoretical part possessed the logical construction and text continuity. But in many parts the flow of the text is disrupted by existence of stylistic and typing mistakes, which reduce the excellent quality of the thesis. What I found as quite problematic is using of secondary citations in the text. Author should make more effort to find the primary ones.

Concerning the practical part, the chapter Case Study is very well written and all the assessments of the patient are processed in organized overview tables. The author performed all important assessment for the diagnosis and concluded them in specific chapter. Every single therapeutic session with the patient is perfectly and deeply described. But in some cases the repeating of descriptions of the same therapies every day stretches the chapter and disrupts the reading flow of the text. So the briefness of this part would help. Again this chapter also contains many typing errors and terminological mistakes.

Taken together the presented thesis is well processed, complexly written and completely fulfills the standards of Bachelor thesis. For these reasons, I fully recommended the presented thesis to be accepted for defense.

Questions:

- 1) Please describe the Convex concav rule and its difference in shoulder and knee joint (open kinetic chain).
- 2) Can you explain the lower incidence of shoulder arthrosis then knee arthrosis?
- 3) You recommended some easy exercises to your patient (pages 90-92, figure 22). Why did you used stretching and strengthening of the same group of muscles? How could you specify these exercises according to your assessment or common knowledge of the tendency of some muscles to hypertonicity/hypotonicity?

6. Recommendation for defence:

YES	NO
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7. Designed classificatory degree

1

according defence

Date: 14.5.2017

signature of the oponent

