

REPORT OF BACHELOR THESIS

Leadership's name:

Mgr. Jana Pivoňková

Student's name:

Fokas Fotakis

Title of diploma thesis name:

Case study of a patient with rheumatoid arthritis followed by knee replacement

Goal of thesis:

Study case of a patient after fourteen days of operation. Presentation of the processes of therapy and rehabilitation and results after nine therapeutic sessions.

1. Volume:

* pages of text	61
* literature	133
* tables, graphs, appendices	9 pages of tables, 0 pages of graphs, 0 pages of appendices

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

	stupeň hodnocení			
	excellent	very good	satisfactory	unsatisfactory
degree of aim of work fulfilment			X	
independence of student during process 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:

average

5. Comments and questions to answer:

Anatomy and biomechanics is described in details. More convenient would be to write about kinesiology separately and describe individual movements. To complete information about rheumatoid arthritis I would fill in physiotherapeutic techniques and physical therapy used for treatment of rheumatoid arthritis.

Due to the patient's age I lack data of blood pressure and heart rate in anamnesis. Missing information about time period when the problems started, for how long the patient suffers from rheumatoid arthritis and characteristics of the pain and circumstances in which pain is getting worse. In theoretical part student is writing about types of knee prosthesis, but in practical part there is no information which kind of prosthesis the patient has.

I miss neurological examination of deep sensation, examination of stereotype of steps during walking, examination of scar and its mobility. Muscle tonus is examined very generally, missing specific muscles or muscles groups and their parts (writing about adductores or quadriceps is not sufficient) Curves of spinal cord couldnt be examining from posterior view.

In therapy I would recommend exercise for tromboembolic prevention especially when the patient suffers from vein insufficiency. Mobilisation of fibula and navicular every therapy (8 times) I seemed as incorrect procedure, there is no description in which direction was the mobilisation made . There is no reeducation of gait in the therapy. Stretching exercise, isometric exercise of quadriceps and soft tissue techniques of the scar is not described, there is not written which technique was used for mobilisation (by Lewit ?). Conclusion of examination is very general.

There is no introduction and conclusion of the thesis. Missing list of abbreviations and appendixes about documentation of therapy.

The thesis has good construction but especially the practical part needs more proper processing. Very late delivery for corrections to me caused that student could not make any significant corrections after and did not respect some of my recommendations.

Questions : How would you examine the deep sensation?

6. Recommendation for defence:

YES	
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7. Designed classificatory degree

good

according defence

Date: 31.8.2011

signature of the leadership