

# DIPLOMA THESIS OPPONENT'S REFERENCE

Study program: SPECIALIZATION IN HEALTH SERVICE - Master degree

Study branch: PHYSIOTHERAPY

Opponent's name:	Mgr. Michaela Stupková
Author's name:	Bc. Syrine Mheni
Supervisor's name:	PhDr. Tereza Nováková
Consultant's name:	

The title of the diploma thesis:

Physical activity in the treatment of cardiorespiratory disorders for children with cerebral palsy

The aim of the diploma thesis:

The goal of this research is to discover aspects that can be added in physiotherapy practice to ensure a long-term improvement in aerobic capacity in children with cerebral palsy while engaging in physical activity. Also investigated is the effect of aerobic capacity on functional abilities

1. Scope:

number of thesis / text pages	50/34			
number of used sources - English / foreign language	94/6			
others	tables	fig./photos	graphs	supplements
	14	3	0	3

2. Formal and language level of the thesis:

	excellent	very good	good	unsatisfactory
choice and definition of the topic, originality	x			
fulfillment degree of the thesis goal	x			
thesis structure, logic		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's theoretical part:

	excellent	very good	good	unsatisfactory
analysis and interpretation of literary review		x		
application of bibliography results to connect to the experimental part		x		

4. Evaluating criteria of the thesis's special part:

	degree of evaluation			
	excellent	very good	good	unsatisfactory
hypotheses - relevance and quality of their definition	x			
<i>I would like to appreciate the formulation of hypotheses but it is a shame that they are not based on the better literature review.</i>				
research set - adequacy of selection	x			
methodology - used evaluation methods and their quality	x			
<i>The author chose few four main databases for the research with high level of evidence.</i>				
results - presentation and interpretation		x		
<i>The data could be presented more clearly with comparison of different parameters in selected studies.</i>				
statistical processing and data analysis	x			
discussion - interpretation of results in relation to current knowledge	x			
<i>The topic was discussed in great detail and from various perspectives.</i>				
conclusion - self-evaluation level of the thesis		x		
<i>The conclusion could be more critical to the results of this diploma thesis.</i>				

4. Usefulness of the thesis results in practice:

above average	average	below average
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**5. Additional commentary and evaluation, questions for the defense:**

*The topic of diploma thesis is very broad. The author may set too many parameters, that is why the only few studies were found. Questions: 1. Were mentally disordered children concerned in mentioned studies? If yes, could be the some of studies results affected by this disorder? 2. What is your opinion on the supervision of a physiotherapist during physical activity of children. 3. Can another specialist supervise the exercise? Was researched if the children continued in the physical activity whether they finished the program? 4. You mentioned in Diploma Thesis some relation between the physical activity and pain. Could you describe shortly the possible effect of nonspecific physical activity on a pain perception?*

**6. Statement of the opponent:**

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

**7. Recommendation for the defense:**

yes	yes with-reservations	no
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**8. Proposed classification level:**

very good

In Prague: 18.6.2021

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opponent's signature