

DIPLOMA THESIS SUPERVISOR'S REFERENCE

Study program: APPLIED PHYSIOTHERAPY

Author's name: Bc. Mohamad Sakr

Supervisor's name: PhDr. Jitka Malá, Ph.D.

Consultant's name:

The title of the diploma thesis:
The influence of manual therapy of the cervical spine and temporomandibular joint on tinnitus. Systematic review.

The aim of the diploma thesis:
The systematic review about effectiveness of physical interventions for cervicogenic and temporomandibular joints to reduce tinnitus.

1. Scope:

number of thesis / text pages	0/50			
number of used sources	82			
others	tables	fig./photos	graphs	supplements
	7	10	0	0

2. Formal and language level of the thesis:

	excellent	very good	good	unsatisfactory
independence of the student in the processing of the thesis		X		
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			
thesis 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
understanding of the topic and orientation of the issue	X	X		
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
research question - relevance and quality of their definition		X	X	
<i>The research question is described but not clearly specified.</i>				
research set - adequacy of selection		X	X	
<i>The thesis has many well-chosen sources, but the orientation to the research questions is slightly lacking.</i>				
methodology - used evaluation methods and their quality			X	
<i>The depth of analytical processing could be better.</i>				
results - presentation and interpretation		X		

statistical processing and data analysis			X	
<i>The depth of analytical processing could be better.</i>				
discussion - interpretation of results in relation to current knowledge		X		
conclusion - self-evaluation level of the thesis			X	

5. Usefulness of the thesis results in practice:

above average average below average

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

The systematic study submitted by the graduate student Bc. M. Sakr was prepared according to Prisma guidelines. The student searched a total of 9 studies according to the given selection criteria. His aim was to look at manual interventions targeting the cervical spine and temporomandibular joint with a targeted effect on tinnitus. I criticize the formal editing of the abstract and some pages with figures, also the line spacing in some papers does not correspond to the required format. On the other hand, I highly praise the theoretical basis of the work, the pictorial representation of the problem, the classification and the overall global view of tinnitus. The analysis of the search conducted could be better described, and the results drawn could also be better identified. Despite these criticisms, I recommend the thesis for defence.

My questions about the thesis:

In the thesis, you provide a table of drugs that potentially affect the development of tinnitus. Which of these medications do you find most affinity concerning musculoskeletal disorders?

Considering how the conclusion chapter is formulated, I find it necessary to ask the question, which of the therapeutic

7. 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.

8. Recommendation for the defense:

yes	yes with reservatio	no
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9. Proposed classification level:

according to the defense (very good - good)

In Prague:

Dr. J. Malá, 10.5.2023

supervisor's signature