

Supervisor's review of the Master thesis

Student: **Bc. Belinda Yeukai Hlomayi**

Title: **Effectivity of Combined Rhythmic Auditory Stimulation Rehabilitation Approach on Gait post Stroke**

Supervisor: doc. PaedDr. Dagmar Pavlů, CSc.

The submitted diploma thesis on the topic "*Effectiveness of Combined Rhythmic Auditory Stimulation Rehabilitation Approach on Gait post Stroke*" is processed on 82 pages of text using sources listed on ten pages.

The student set herself the goal, I quote, "*to evaluate the extent in which Rhythmic Auditory Stimulation (RAS) combined therapy has a positive effect on gait for stroke patients, and whether RAS combined therapy is a more effective approach than conventional physiotherapeutic approaches*". To achieve the set goal, she conducted a literature review.

The diploma thesis is divided into six basic chapters. This division is in accordance with the recommendations for the implementation of diploma theses at the Charles University.

In the theoretical starting points, the student works on topics that are related to the solved problem and the goals of the work. This passage is fully compliant with the resolved topic. The student expresses herself concisely and clearly and, using a sufficient number of sources, appropriately processes the given topic.

The methodological procedures, which are the content of chapter 3, are acceptable, the student clearly states the process of processing the research, which is fully transparent and acceptable.

The results are the most extensive passage of the entire thesis. These are very well described and supplemented by a number of tables that the student prepared for the thesis based on the included studies.

The discussion is appropriately conducted and has a reasonable scope. I consider the chapter on the limits of work to be a well-crafted passage.

The conclusion is very brief, but fully satisfactory. The final chapter is followed by recommendations for practice.

The whole work has a coherent impression, it is written in good language. It is perhaps only possible to point out minor formal flaws – incorrect size of spaces between words, in some places unequal size of spaces between paragraphs, etc. However, these minor flaws do not fundamentally reduce the quality of the entire thesis.

The student's approach: the student approached the implementation of the diploma thesis conscientiously, consulted regularly and always responded to the recommendations and comments made.

A check by two plagiarism checking systems shows a 42 and 43 percent match. This similarity might seem high, however, after studying the entire thesis, I can state that all sources are correctly and sufficiently cited. The similarity mainly concerns generally known facts, topics and the presentation of texts - titles of works that are part of the conducted research.

Conclusion

Diploma thesis Bc. Belinda Yeukai Hlomayi meets the requirements for diploma theses. Therefore I suggest, that the commission for state final examinations accept her work for defense. I leave the mark on the course of the defense, with the fact that the grade recommended by me is excellent – very good.

Defense question: What specific procedures would you recommend, or what procedures can physiotherapists enrich their practice based on the results of your diploma thesis.

In Prague 16.05. 2023

Doc. Dr. Dagmar Pavlů, CSc.
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