

## STATEMENT

from

Assoc. prof. Mariya Ivanova Dimitrova, PhD

Faculty of Public Health «Prof. Dr. Tzekomir Vodenicharov, MD», Medical  
University - Sofia, Department of Health Care

Appointed as a member of the Scientific Jury by Order No. R-109-557 of  
14.12.2023.

of the Rector of Medical University «Prof. Dr. Paraskev Stoyanov» – Varna

**Subject:** Procedure for obtaining the educational and scientific degree "Doctor"

**Topic:** Influence of interactive technologies on the formation of professional competences among the students of the rehabilitator major

**Author:** Katya Genova Mollova

**Doctoral program:** "Health Care Management"

**Professional direction:** 7.4. Public Health

**Field of higher education:** 7. Health care and sports

**Form of the doctorate:** Independent form of study

**Research supervisor:** Assoc. Prof. Silvia Filkova, Ph.D.

The presented set of documents and materials on paper and electronic media comply with the Procedure for the acquisition of the ESD "Doctor" according to the requirements of the ZRASRB and the Regulations of the Medical University - Varna «Prof. Dr. Paraskev Stoyanov" for its application.

Katya Mollova completed basic medical education in the specialty "Rehabilitator" at PMI - Plovdiv in 1995. She subsequently obtained a bachelor's degree in the specialty "Health care" at VMI - Plovdiv (1999) and a master's degree in the specialty "Management of Health Care" at the Faculty of Public Health at the MU - Sofia (2009).

Since 1995, Katya Mollova has been appointed as a teacher at Medical College - Stara Zagora, and since 2010 she has been a senior teacher. For a

period of two years, she held the position of deputy director of the Medical College - Stara Zagora. The total working experience as a teacher of the doctoral student is 28 years. Leads classes in the academic disciplines: Kinesitherapy; Healing massage; clinical practice and freely chosen discipline - Eastern massage techniques.

Presents a list of three Erasmus+ participations (2016, 2017 and 2018) and a total of 16 research project participations. The list regarding the doctoral student's scientific output is impressive: there are 64 scientific publications in national refereed and international scientific publications, of which she is the independent author of 4 and first author of 15.

The submitted documents show significant teaching experience, continuous improvement of the professional and educational development of the doctoral student.

The dissertation contains 144 pages and is well structured. Includes: introduction; first chapter - Literary review; second chapter - Aim, tasks and methodology and organization of the study; third chapter - Results of own studies; fourth chapter - Interactive model. Methodology for conducting a didactic experiment; conclusions, suggestions, contributions and 5 appendices.

The dissertation is properly illustrated, contains 28 figures and 26 tables and 5 appendices. The bibliographic reference includes 175 sources, of which 111 are in Cyrillic and 64 are in Latin.

The presented dissertation work on the topic "Impact of interactive technologies for the formation of professional competences in the students of the rehabilitator major" examines a current and significant problem related to the impact and importance of the application of interactive methods, with a view to optimizing the training process in this major. Improving the quality of the training process has a direct impact on improving the overall training of future rehabilitators.

The literature review presents a general description of the specialty "Rehabilitator" and the peculiarities of the educational process in a medical college. Forms and methods of practical training are examined, with the focus falling on interactive training methods. A comparative analysis of traditional and alternative training was carried out.

The completed literature review shows the doctoral student's broad awareness of the topic under consideration, and significant conclusions have been drawn from the literature review.

The purpose and working hypotheses of the dissertation work are specific, clearly and accurately formulated. The set eight tasks logically follow from the goal, allowing a good implementation of the planned study. The methodology of the study is thoroughly described, all elements and stages of the study are indicated correctly and in detail.

Three groups of respondents were covered: students from the "Rehabilitator" specialty (220 respondents); teachers in the "Rehabilitator" specialty (30 respondents) and mentors from the clinical bases (58 respondents).

Adequate methods and a suitable software program have been selected for the realization of the set tasks: documentary, sociological and statistical methods. The research design is comprehensive, precise and meets the requirements of a dissertation.

In chapter three - «Own studies» a precise analysis with a correct interpretation is made. Based on the obtained results, five conclusions were formulated, which follow logically from the set tasks and summarize the most important results in a synthesized form.

According to the data obtained, the need for a change in the training of the students of the "Rehabilitator" specialty is clearly outlined, emphasizing the stimulation of their active participation in the educational process, which is interactive. Using these methods will help increase academic motivation and subsequent professional development.

Stepping on the research, analysis and conducted experiment, Katya Mollova develops and implements a scientifically based model, based on interactive methods and tools, applicable in the practical training of the students of the "Rehabilitator" specialty. Based on the interactive model, a training methodology was developed in the educational and practical classes in kinesitherapy and therapeutic massage.

The submitted abstract for the dissertation work is presented in 72 pages and reflects the most important results, research conclusions and contributions.

There are 3 publications in connection with the dissertation work, two of which are the independent author, and the third is the first author.


### Conclusion

In conclusion, the dissertation work presented for review on the topic "Influence of interactive technologies on the formation of professional competences among the students of the specialty rehabilitator" of Katja Genova Mollova has a practical-applied nature and meets all the requirements for a dissertation work for the award of the ESD "Doctor" .

Based on the above, I give my **positive assessment** of the dissertation work and the abstract, and I recommend the honorable members of the scientific jury to vote positively for the awarding of an educational and scientific degree "Doctor" to Katja Genova Mollova in the field of higher education 7. Health care and sports , professional direction 7.4. Public Health, Health Care Management.

Заличено на основание чл. 5,  
§1, б. „В“ от Регламент (ЕС)  
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Sofia

Prepared opinion:  .....  
/Assoc. prof. M. Dimitrova, PhD/