

TO THE CHAIRMAN AND MEMBERS OF THE SCIENTIFIC JURY APPOINTED BY ORDER NO P-109-419/05.10.2023 OF THE RECTOR OF MU- "DR PARASKEV STOYANOV" - VARNA IN THE PROCESS FOR AWARDING THE EDUCATIONAL SCIENTIFIC DEGREE 'PhD' IN THE DEPARTMENT OF DENTAL MATERIALS SCIENCE AND PROSTHETIC DENTAL MEDICINE, FACULTY OF DENTAL MEDICINE, MU-VARNA

## STATEMENT

By Assoc. Prof. Stefan Chavdarov Zlatev, DMD, PhD,  
MU - Plovdiv, bul. "Hristo Botev 3, Plovdiv, 4000

Dissertation for the award of educational and scientific degree "PhD".

Field of higher education - 7 "Health and Sport"

Professional field - 7.2 "Dental Medicine"

Doctoral program - "Prosthetic Dentistry".

Author - Magdalena Norman Gugleva

Dissertation Topic: "ALTERNATIVE TOOTH PREPARATION METHODS FOR FULL COVERAGE CROWNS "

Scientific supervisor: Assoc. Prof Dr Iveta Plamenova Katreva, PhD, Department of Dental Materials Science and Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University Varna.

*General presentation of the procedure and the PhD student:*

The submitted set of materials is in accordance with the Law on Academic Development in Bulgaria, the regulations for its application, and the regulations of MU-Varna for the acquisition of educational and scientific degree "PhD".

The dissertation of Dr Magdalena Norman Gugleva consists of 192 pages (147 pages main part, 25 pages references, 17

pages appendices, three pages introduction - title page, table of contents, list of abbreviations. It is illustrated with 12 tables and 161 figures. The bibliography includes 352 references, 32 in Cyrillic and 320 in Latin.

The main part of the thesis is structured as follows:  
- Introduction, literature review and conclusion of the review - 52 pages.

- Aim and objectives, material and methods, results and discussion - 92 pages.

- Conclusion, conclusions and contributions - 3 pages

The PhD student has presented three publications related to the dissertation.

Dr. Magdalena Norman Gugleva was born in Varna on 26.06.1992. In 2011, she finished her secondary education at the First Language High School - Varna. In 2017, she completed her higher education at the Faculty of Dental Medicine, Medical University - Sofia. In 2018, she was appointed an assistant professor at the Department of Dental Materials Science and Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University - Varna. In 2022, she acquired the speciality "Prosthetic Dental Medicine". She is a member of the BgDA.

#### *Topic Relevance:*

The topic presented by Dr Magdalena Norman Gugleva has a marked topicality conditioned by the current nature of the preparation technique studied and the modern methods associated with investigating the soft-tissue response. In this sense, the nature of the thesis has a marked clinical orientation.

#### *Knowledge of the problem:*

The literature review and its conclusions, presented in 52 pages, include a brief characterization of gingival tissues

The third objective presents a protocol for fabricating provisional restorations using an indirect-direct method. In the fourth objective, the awareness of dentists and dental technicians regarding their knowledge of the BOPT system for the fabrication of indirect fixed restorations is assessed.

### *Abstract*

The content and quality of the abstract comply with the accepted requirements. The abstract summarises the main results achieved in the thesis.

The three publications related to the dissertation are connected to the thesis topic.

### *Conclusion*

The dissertation contains scientific and applied results that represent an original contribution to science and meet the requirements of the Law on the Development of Academic Staff in the Republic of Bulgaria, the Regulations for the Implementation of the Law and the Medical University - Varna Regulations. The submitted materials and dissertation results comply with the specific requirements adopted in connection with the Regulations of MU-Varna for the application of the LDASRB.

The dissertation shows that the PhD student Dr Magdalena Norman Gugleva possesses in-depth theoretical knowledge and professional skills in the scientific speciality of Prosthetic Dental Medicine, demonstrating the qualities and skills to conduct scientific research independently.

Due to the above, I give my positive evaluation of the research presented by the above-reviewed dissertation, abstract, results and contributions, and propose to the

and the phenomenon of biological width. The types of preparation margins and the preparation technique, the subject of study in the thesis, are discussed in detail. The latter is discussed in detail with an analysis of all phases of treatment using fixed prosthetic constructions according to the biologically oriented preparation technique. A number of figures in the literature review without a reference are present.

The analyzed literature sources directly related to the developed topic give reason to believe that the doctoral student has knowledge of the problem.

#### Aim and objectives

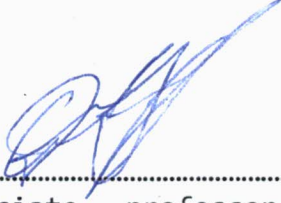
This dissertation aims to demonstrate the advantage of the biologically oriented preparation technique in prosthetic treatment with full-coverage crowns in the aesthetic zone and to evaluate the clinical results of its application. Thus, the aim set by Dr. Magdalena Norman Gugleva corresponds to the chosen topic of the thesis.

In fulfilment of the aim, Dr Magdalena Norman Gugleva set four objectives, the fulfilment of which concern the problems delineated by the aim of the thesis thus described.

The first and second tasks of the dissertation evaluate the periodontal response to preparation by the BOPT method and the fabrication of provisional constructions by indirect-direct (objective 1) and indirect (objective 2) methods. It is important to note that the results of the first two objectives evaluated the influence of different methods and materials for fabricating indirect provisional restorations in the same tooth preparation method.

Honorable Scientific Jury to award the degree of Doctor of Education and Science to Dr Magdalena Norman Gugleva in the Doctoral Program in Prosthetic Dental Medicine.

05.11.2023  
Plovdiv

Reviewer  .....  
Associate professor, Stefan  
Chavdarov Zlatev, DMD PhD

