

TO THE CHAIRMAN AND MEMBERS OF THE SCIENTIFIC JURY APPOINTED BY ORDER NR P-109-30/30.01.2024 OF THE RECTOR OF MU- "DR PARASKEV STOYANOV" - VARNA IN THE PROCESS FOR AWARDING THE EDUCATIONAL SCIENTIFIC DEGREE 'PhD' IN THE DEPARTMENT OF PERIODONTOLOGY AND DENTAL IMPLANTOLOGY, 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 - "Therapeutic Dentistry".

Author - Sabina Plamenova Keremedchieva

Dissertation Topic: " Investigating the role of marginal adaptation of indirect restorations as a plaque-retentive factor and its influence on the attachment level."

Scientific supervisor:

Prof. Dr. Stefan Vassilev Peev, PhD, DSc

Assoc. Prof. Dr. Angela Zdravkova Gusiyska, PhD

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 Sabina Plamenova Keremedchieva consists of 209 pages, 99 tables, 118 figures and 9 appendices. There are no Cyrillic references.

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

Dr. Sabina Plamenova Keremedchieva was born in the town of Varna on 11.09.1992. In 2011, she completed her secondary education at the First Language High School in Varna. She graduated from the Faculty of Dental Medicine, Medical University - Varna, in 2011. In 2018 she completed her higher education at the Faculty of Dental Medicine, Medical University - Varna. From 2018 to 2019, she worked as a visiting assistant professor at the Department of Periodontology and Dental Implantology at the Faculty of Dentistry, Medical University - Varna. Since 2019, she has been a full-time assistant in the same department and has worked as a Doctor of Dentistry at the University Medical-Dental Center. She is a member of the BgDA.

Topic Relevance:

The topic, presented by Dr. Sabina Plamenova Keremedchieva, explores an important problem in dentistry related to different treatment methods for the most common human disease.

Knowledge of the problem:

The literature review and its conclusions include the characterization of dental crown defects the methods and materials for direct and indirect restorations and the problems on which the dissertation focuses - microleakage and clinical level of gingival tissue attachment.

The analysed literature sources directly related to the developed topic give reason to believe that the doctoral student is knowledgeable about the problem.

Aim and objectives

The aim of this dissertation is to determine the influence of different methodologies on the precision of indirect restorations and the clinical level of attachment in the respective site. Thus, the aim set by Dr. Sabina Plamenova Keremedchieva corresponds to the chosen topic of the study.

In fulfilment of the aim, Dr Sabina Plamenova Keremedchieva sets three objectives - two laboratory and one clinical.

The dissertation's first and second objectives evaluate marginal adaptation (objective 1) and microleakage (objective 2) in ceramic inlays.

Objective three provides a comparative analysis of clinical attachment using classical and hybrid techniques (with coronal repositioning of the gingival margin of the cavity) in treatment with indirect restorations made of different materials. Direct photopolymer obturations were adopted for the control-group restorations.

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

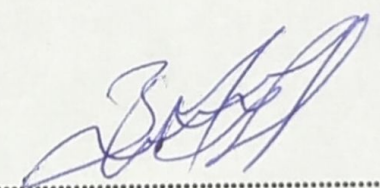
results comply with the specific requirements adopted in connection with the Regulations of MU-Varna for the application of the LDASRB.

The dissertation shows that the PhD student Dr Sabina Plamenova Keremedchieva possesses in-depth theoretical knowledge and professional skills in the scientific speciality of Therapeutic Dentistry, 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 Honorable Scientific Jury to award the degree of Doctor of Education and Science to Dr Sabina Plamenova Keremedchieva in the Doctoral Program in Therapeutic Dentistry.

18.03.2024
Plovdiv

Reviewer


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