

REVIEW

of Prof. Angelina Pecheva Vlahova-Petrova, DMD, PhD

Head of the Department of Prosthetic Dentistry,

Dean of Faculty of Dental Medicine, Medical University-Plovdiv, Bulgaria

Of Dissertation for PhD Degree '**Doctor**'

Professional direction: Dental Medicine

Doctor's program: Prosthetic Dentistry

Author: Dr. Gabriela Rosenova Kirova

Form of dissertation: regular

Department: Dental Materials and Prosthetic Dentistry

Topic: „Laboratory Investigation of the Accuracy of Cemented Superstructures on Abutments Manufactured Using Different Impression Taking Protocols“

Scientific Supervisor: Assoc. Prof. Stoyan Georgiev Katzarov, DMD, PhD

1. General presentation of the procedure and the PhD student

The presented set with the materials on paper and electronic variant is in accordance with the Procedure for PhD Defense of MU-Varna and the Regulations of MU-Varna.

The PhD student has 3 publications connected with the topic.

Notes and comments for the documentation:

The documents are properly prepared and submitted.

2. Short CV data of the PhD student

Dr. Gabriela Rosenova Kirova is a regular Assistant Professor in the Department of Dental Materials and Prosthetic Dentistry, FDM, MU – Varna from 2019 till now.

3. Relevance of the topic and expediency of the aim and the tasks of the dissertation

In modern Prosthodontics the continuous introduction and improvement of digital technologies led to the necessity of deeper investigation of the precision of implant suprastructures fabricated via subtractive and via additive method.

4. Knowledge of the problem

The PhD student Dr Gabriela Rosenova Kirova has excellent knowledge about the problem and creative evaluation about the material. A proof of this is the detailed literature review based on 299 literature sources, 23 of them on Cyrillic and 276 of them on Latin, richly illustrated with figures and photos.

5. Methods of the investigation

The chosen methods of the investigation allow achievement of the aim and tasks of the dissertation.

6. Characteristics and evaluation of the dissertation

The dissertation of Dr Kirova has 190 computer pages and is illustrated with 20 tables, 105 figures and 3 applications. There are 299 literature sources, 23 of them on Cyrillic and 276 of them on Latin.

The dissertation of Dr Kirova is orientated towards one actual problem in the modern Prosthetic Dentistry – the precision of implant-supported restorations that is a key moment for the success of the implant treatment.

The literature review is detailed and well structured.

The aim and the tasks of the dissertation are formulated according to the topic.

The presentation and the illustration with figures and graphics of the own investigations is on the desired level according to the materials and the methods.

The results are systemized and arranged according to the tasks. They are illustrated with photo material, final tables and schemes.

The discussion is made following the present requirements for the structure of the dissertation, separately for every task. There are also tables and diagrams with statistical data.

The conclusions are in direct connection with the evaluated results.

The contributions present the modern focus of the dissertation.

7. Contribution and significance of the dissertation for the science and practice

The contributions of the dissertation of Dr Kirova are systemized as seven and divided into three groups: with original (3), with practical (2) and with approved (2) character.

8. Assessment of the dissertation publications

The full text publications and participations associated with the dissertation of Dr Kirova are 3 and relate to the topic.

9. Personal engagement of the PhD student

According to my opinion the personal engagement of the PhD student in the dissertation study is dominant.

10. Abstract book

The Abstract book of Dr Kirova is designed according to the requirements and presents the main results of the dissertation.

The contents and the quality of the Abstract book meet the requirements.

11. Critical notes and recommendations

I have no critical notes connected to the final variant of the dissertation.

13. Recommendations for future application of the dissertation contributions and results

I recommend to Dr Kirova to continue his work in this field with clinical investigations and to publish the received results in referred journals including such with impact factor.

CONCLUSION

The dissertation has scientific, scientific-practical and practical results that are an original contribution in the science and respond to all the requirements of the Law for academic development in Bulgaria (ЗПАКРБ), the Regulations of ЗПАКРБ and the Regulations of MU-Varna. The materials and results of the dissertation respond to all the specific requirements of MU-Varna.

The dissertation presents that the PhD student Dr . Gabriela Rosenova Kirova has exhaustive theoretical knowledge and professional skills of the scientific specialty “Prosthetic Dentistry” and demonstrates qualities and abilities for self-conduct scientific study.

Due to the above, I confidently give my **positive assessment** for the investigation presented in the Dissertation, Abstract book, Results and Contributions, and propose to the honorable scientific jury to award an educational and scientific degree „Philosophy Doctor (PhD)” to Dr. Gabriela Rosenova Kirova in PhD program of Prosthetic Dentistry”.

Заличено на основание чл. 5,
§1, б. „В“ от Регламент (ЕС)
2016/679

19. 11. 2024

Plovdiv

Reviewer:

(Prof. Angelina Vlahova, DMD, PhD)