

Opinion

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Department of Oral Surgery , specialist in oral surgery

regarding

Dissertation work for awarding the educational and scientific degree "Doctor"

Professional field - Dentistry

Doctoral program - Oral surgery

Author: Dr. Ralitsa Vladimirova Yotsova

Form of doctoral studies: full-time doctoral student

Department of Oral Surgery at FDM-MU-Varna

Topic "Ridge preservation using guided regeneration, full-layer gingival grafts and platelet-rich plasma"

Scientific supervisor: Prof. Dr. Rosen Kolarov, MD

This opinion was prepared on the basis of Order No. R-109-307/12.06.2023. of the Rector of the MU - Varna, in connection with the procedure for the protection of the above-mentioned dissertation work on the scientific specialty: Oral surgery 03.03.04, and in implementation of the ZRASB, the Regulations for the implementation of the ZRASB and the Rules for the organization and operation of the University of Varna.

1. General presentation of the procedure and the doctoral student

The presented set of materials on paper / electronic media is in accordance with the requirements of the Regulations of the University of Varna . All documents are prepared and presented properly.

The PhD student presented three articles in connection with the dissertation work.

It is clear from the presented documentation that Dr. Ralitsa Yotsova possesses the necessary scientific competence and professional qualification to acquire the educational and scientific degree "Doctor"

2. Relevance of the topic

The work presented to me for opinion examines an actual problem of oral surgery. Dissertation dedicated to the preservation of the alveolus using guided regeneration, full-layer gingival grafts and platelet-rich plasma represents an important and current problem in the field of oral surgery and dentistry in general. The topic examines the combination of different methods and techniques in order to improve the preservation of the alveolus and achieve successful regeneration in the area of extracted teeth.

Guided regeneration is a method that uses biological materials and regenerative techniques to stimulate regenerative processes in tissues. This technique has significant benefits in preserving the alveolus, which is a key point for subsequent treatment.

In this sense, the choice of the topic of the dissertation work is current and dissertable.

3. Knowing the problem

The literary review is compiled on 557 sources in Latin and 4 in Cyrillic. The book writing is done according to the requirements. The literature review is comprehensive, targeted, analytical and covers all aspects of the problem. The current state of the problem is skilfully outlined and unsolved problems are extracted.

On the basis of this overview, the aim of the scientific development was derived "To investigate the influence of platelet-rich plasma, non-porous PTFE barrier membranes and autogenous free gingival grafts on the healing processes in the post-extraction areas ".

Dr. Georgieva knows the state of the problem and creatively evaluates the literary material.

4. Characterization and evaluation of the dissertation work and contributions

The dissertation contains 283 pages. It is illustrated with 133 tables and 123 figures. The bibliography includes 561 literary sources.

The structure of proposals for work evaluation meets the requirements for dissertation development according to the Regulations of MU-Varna and ZRASRB.

To achieve the set goal, the dissertationer has set himself 5 tasks, four of them with three sub-tasks. They are quite sufficient to substantiate the developed thesis.

The clinical material (80 patients) on which the study is conducted is sufficient in volume. The material and methods sections are constructed correctly and comprehensively. The results are well structured and illustrated. The conducted research found that the de-iced methods successfully reduce the degree of vertical bone resorption of the crest. They give similar results and no advantage is taken into account for some of them. Quite correctly, some shortcomings of the methodology are also indicated.

The analysis and discussion of the results show good professional training and in-depth clinical thinking of the doctoral student.

The conclusions are nine and a logical consequence of the obtained results.

Contributions are original and confirmatory in nature.

5. Abstract

The author's abstract of the dissertation work is made according to the requirements and reflects the main results obtained by the author.

CONCLUSION

The dissertation work of Dr. Ralitsa Vladimirova Yotsova submitted to me for opinion on the topic "Ridge preservation with the application of guided regeneration, full-layer gingival transplants and platelet-rich plasma" treats a topical problem of oral surgery related to the preservation of the post-extraction alveolus. In this sense, the choice of the topic of the dissertation work is very relevant.

The in-depth literature review and its creative evaluation allowed Dr. Yotsova to derive the goal of the scientific development, namely "To investigate the influence of platelet-rich plasma, non-porous PTFE barrier membranes and autogenous free gingival grafts on the healing processes in the post-extraction areas " .

The dissertation contains clinical material that is of scientific interest. The presentation and interpretation of the results gives me reason to assume that the

dissertation represents a completed scientific study and is the personal work of the doctoral student.

Evaluating the merits of this work I accept that has been completed in accordance with the requirements of the Higher Education Institution, the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for its Application for the Acquisition of the Doctoral Degree.

The presented materials and dissertation results correspond to the specific requirements of the Regulations of the Ministry of Education - Varna, adopted in connection with the application of the RASRD.

Due to the above, I give my **positive assessment** to the dissertation work presented to me for opinion and **propose to the honorable scientific jury to award the educational and scientific degree "Doctor"** to Dr. Ralitsa Vladimirova Yotsova in the doctoral program - Oral surgery, code 03.03.04.

Date:

28.08.2023

Prepared the opinion:

/ Assoc.Prof. Dr. Hristo Daskalov/

