

To the Chairman of the Scientific Jury,
appointed by order of
The Rector of the Medical University - Varna,
№ P-109-85 / 11.03.2021 г.

STATEMENT

By Assoc. Prof. Dr. Georgi Papanchev, DMD, PhD
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Faculty of Dental medicine
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Under the procedure for defense of a dissertation for awarding doctoral degree in the field of higher education 7. Health and sports in professional field 7.2. Dental Medicine; Oral surgery in the Department of Oral Surgery, Faculty of Dental medicine, MU-Varna.

Author of the dissertation: Dr. Rosen Bozhidarov Tsolov

Form of doctoral studies: self-training

Topic: "Treatment of medication-related osteonecrosis of the jaws with the use of platelet-rich fibrin PRF"

Supervisor: Prof. Dr. Tihomir Georgiev, DMD, PhD, DSc Department of Oral Surgery, Faculty of Dental Medicine (FDM), MU - Varna

Assessment of the personal participation of the doctoral candidate in the dissertation:

The presented set of materials on paper and electronic media is in accordance with the Procedure for acquisition of Educational and Scientific Degree (ESD) "Doctor" in the field of higher education, 7. Health and sports in professional field, 7.2. Dental Medicine; Oral surgery in the Department of Oral Surgery, FDM, MU-Varna and includes all necessary documents.

Notes and comments related to the submitted documents:

The dissertation contains 180 standard pages. The bibliography cites 200 literary sources, of which 14 in Cyrillic and 166 in Latin. The dissertation is illustrated with: 30 tables and 90 figures. The literature review is presented on 34 pages, purpose and tasks - 1 page, material and methods - 22 pages, presentation of own results and their discussion - 62 pages, conclusions 3 pages, contributions - 1 page.



The abstract meets all the requirements of the Law for the development of the academic staff in the Republic of Bulgaria.

The the doctoral candidate has attached 3 publications in which he is the first author.

Biographical data and career development:

Dr. Rosen Bozhidarov Tsolov was born on April 21, 1980. in the city of Plovdiv. 2005 graduated from the Faculty of Dental Medicine, Plovdiv.

Assessment of the personal participation of the doctoral student in the dissertation

The dissertation deals with a current problem in modern dentistry, namely the treatment of drug-induced osteonecrosis of the jaws with the use of platelet-rich fibrin PRF.

Dr. Tsolov has made a critical analysis of the literature on the subject, which gives him the opportunity to formulate exactly the purpose of his study: **“To make a comparative assessment of the results of conservative antibiotic treatment and surgical treatment with platelet-rich fibrin rich fibrin membrane (PRFm) of drug-induced bone necrosis of the jaws. “**

To achieve this goal it sets the following **tasks:**

First task: Study of the frequency of drug-induced bone necrosis of the jaws in Bulgaria.

Second task: Study of the peculiarities of the radiological symptoms in bisphosphonate-induced osteonecrosis of the jaws.

Third task: Comparative radiological evaluation of the results obtained after treatment of drug-induced bone necrosis of the jaws, conservatively (medically) and surgically with the help of PRF.

Fourth task: Comparative clinical evaluation of the results obtained after treatment of drug-induced bone necrosis of the jaws, conservatively (medically) and surgery with the help of PRF.

The following research and analysis methods were used to perform and evaluate the set tasks: independent samples t-test for static comparison between two separate groups of patients or two types of treatment. For intragroup tracking of the values of a certain quantity, a paired samples t-test was used for related samples.

The results are well presented and correctly interpreted. The dissertation is written in good literary language, ends with a discussion and conclusions, which are based on research on the tasks.

The presentation and illustration with figures and graphs of one's own research in terms of materials and methods is at the required level.

The conclusion and conclusions are directly related to the obtained results.

Conclusion:

The dissertation of Dr. Tsolov contains scientific and applied research results, which represent ***an original contribution to science and meet all the requirements*** of the Law for the

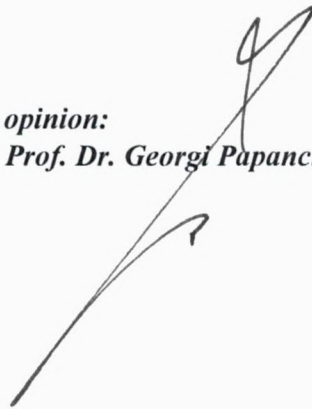


Development of Academic Staff in the Republic of Bulgaria (LDASRB) and the relevant Regulations of MU - Varna. The dissertation work is effective and significant and entirely personal work of the doctoral candidate. For these reasons, **I propose to award Dr. Rosen Bozhidarov Tsolov a doctoral degree** in the field of higher education 7. Health and sports in professional field 7.2. Dental Medicine.

19.04.2021 г.

Prepared the opinion:

Assoc. Prof. Dr. Georgi Papanchev, DMD, PhD

A handwritten signature in black ink, consisting of several fluid, overlapping strokes. The signature is positioned to the right of the printed name and extends upwards and to the right.