

To the Chairman of the Scientific Jury,
appointed by order of
Rector of Medical University - Varna,
No. R-109-510/29.11.2023

STATEMENT OF ACADEMIC OPINION

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

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According to the procedure for the defense of a dissertation work for awarding the educational and scientific degree "Doctor" in the field of higher education 7. Health care and sports by professional direction 7.2. Dental Medicine; Oral surgery at the "Oral Surgery" Department, FDM, MU- Varna.

Author of the dissertation: Dr. Ivan Nikolaev Dimitrov

Form of doctoral study: regular form of study

Topic: "ORAL TRAUMATIC LESIONS"

Scientific supervisor: Prof. Dr. Rosen Kolarov, DMD, PhD, Department of "Oral Surgery", FDM, MU- Varna

1. General presentation of the procedure and the doctoral student:

The presented set of materials on paper and electronic media is in accordance with the Procedure for the acquisition of the ONS "Doctor" in the field of higher education 7. Health

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care and sports by professional direction 7.2. Dental Medicine; Oral surgery at the "Oral Surgery" Department, FDM, MU-Varna and includes all necessary documents.

Notes and comments on the documents:

The dissertation contains 141 pages and is illustrated with 62 tables and 79 figures.

The bibliography consists of 180 literary sources, of which 3 are in Cyrillic and 177 are in Latin. The literature review is presented on 31 pages, aim and tasks – 1 page, material and methods – 8 pages, own results and discussion – 81 pages, conclusions 1 page, contributions – 1 page.

The abstract reflects the main results achieved in the dissertation and meets the requirements for the acquisition of the ONS, "Doctor".

The PhD student has attached 3 publications. In two of them he is the first author.

Biographical data and career development:

Dr. Ivan Nikolaev Dimitrov was born in 1987 in Burgas. In 2012 graduated from the Faculty of Dental Medicine, Varna. In 2018 was appointed as a full-time assistant at the Department of "Oral Surgery", FDM, MU-Varna. He speaks Bulgarian and an intermediate level of English.

Evaluation of the doctoral student's personal participation in the dissertation work

The problem of traumatic lesions of the soft tissues in the oral region is of global importance, as it generally covers all ages and different social groups of the population, differing in its occurrence and course. Medical science, and dentistry in particular, has come a long way in recent decades. However, both in the distant past and today there are diseases and conditions that accidentally and unexpectedly disturb the normal existence of the individual, throwing him out of his normal rhythm of existence. A sudden, unintended and accidental event can change a person's attitude and mood in seconds, causing them to show unheard of imagination in an effort to get rid of the unpleasant feeling. In these cases, it is most often about the subjective feeling known to every person, namely pain. In addition to pain, in a large percentage of cases there are also difficulties in basic functions such as eating, fluid intake and others. In other circumstances, the damage to tissues and organs in the human organism occurs with weak and indistinguishable forces for the patient, manifesting in the form of chronic trauma. Its most important clinical significance is expressed by the potential of chronic trauma to cause a preneoplastic process, which, over time, without particular symptoms, will lead to the development of malignant growth. This necessitates the application of a thorough anamnesis, as well as other additional clinical and paraclinical methods, in order to reach the correct diagnosis.

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Dr. Dimitrov has made an analysis of the literature on the subject, which gives him the reason to precisely formulate the purpose of his study: **"To characterize the main oral traumatic lesions, clarifying their relationship with certain local and systemic factors. "**

To achieve the goal, he sets the following **tasks**:

Tasks:

Task No. 1. To establish the demographic and clinical characteristics of patients with oral traumatic lesions.

Task No. 2. To clarify the relationship of oral traumatic lesions with certain local and systemic factors.

2.1. To trace the relationship in patients with oral traumatic lesions and the wearing of prosthetic structures (removable and fixed).

2.2. To clarify the peculiarities in the course of oral traumatic lesions in patients with existing systemic diseases - hypertension and type 2 diabetes.

Task No. 3. To determine the effect of the application of a drug spray containing polyvinylpyrrolidone (PVP) in the process of treating oral traumatic lesions.

Task No. 4. To characterize the isolated microbial flora and the relationship to the course of oral lesions with traumatic etiology.

The results and discussion are accompanied by tables and diagrams. The conclusions correspond to the results obtained.

The self-assessment of the contributions in connection with the dissertation work includes 3 contributions of an original nature for the country and 3 contributions of a confirmatory nature:

Affirmative Contributions:

1. We have confirmed that the removal of the etiological factor is the main method of treatment of oral traumatic lesions.

2. We have confirmed that the wearing of removable prosthetic structures and the presence of harmful habits are a major factor in the development of oral traumatic lesions.

3. We confirmed that the presence of certain chronic diseases has a negative effect on the treatment of lesions in the oral cavity.

Contributions original to the country:

1. For the first time in the country, a study aimed at clarifying the factors related to the occurrence and development of oral lesions with a traumatic genesis is being conducted.

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2. For the first time in the country, the effect of the treatment of oral lesions with a preparation creating a barrier, which isolates the damaged tissues from the damaging factors, is being studied.

3. For the first time in the country, a study aimed at clarifying the relationship of the oral microflora to the development and progression of traumatic lesions is being carried out.

Critical remarks and recommendations:

Examining the entire work in detail, I would say that the doctoral student Dr. Dimitrov did not comply with most of the recommendations and remarks addressed to him during the internal defense. The text is fragmented, the semantic connection between individual paragraphs is lost. A number of stylistic and spelling mistakes have been made, which gives the impression of thoughtless and hasty work during the writing of the paper. I also recommend the number of examined patients to be larger, especially those with histological examinations - only 20. As a critical recommendation, I can also add the excessively small number of sources in the literature review, and extremely insufficient in Bulgarian language (only 3).

Conclusion:

Despite the serious critical remarks, the dissertation work of Dr. Ivan Nikolaev Dimitrov: "ORAL TRAUMATIC LESIONS" **meets the minimum requirements** of the Law on the Development of the Academic Staff in the Republic of Bulgaria the Regulations for its Application and the Regulations for the Development of the Academic Staff of the Medical University – Varna. Due to the above reasons I vote with YES for the educational and scientific degree "Doctor" for dr. Ivan Nikolaev Dimitrov.

15.01.2024

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