

To

The chairman of the scientific jury,
determined by Order № P 109 - 195 / 03.06.2020
of the Rector of the Medical University - Varna
M. Street Drinov "55, Varna 9002

On your Protocol №1 / from 15.06.2020

Attached I present: Review

in a competition for the academic position of PROFESSOR
in the scientific specialty ORTHOPEDICS AND TRAUMATOLOGY
announced for the needs of MU-Varna, Department of Orthopedics and Traumatology
in SG, issue 8 / 28.01.2020.

Reviewer: Assoc. Prof. Dr. Nikolay Dimitrov, MD.

Scientific specialty Orthopedics and Traumatology

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The review is compiled in accordance with the requirements of ZRASRB and Section III /
Section IV of PPRASRB - Conditions and procedure for holding the academic position of
"Associate Professor" / "Professor"

REVIEW

From Assoc. Prof. Dr. Nikolay Dimitroov, MD.

Department of Orthopedics and Traumatology,

Medical Faculty,

Medical University of Sofia,

USBALO "Prof. B. Boychev" – Sofia

By Procedure for Occupation of Academic Position "Professor" in Higher Education 7. "Health and Sports" in professional field 7.1 "Medicine" and scientific specialty "Orthopedics and traumatology" at the Faculty of Medicine, Department "Orthopedics and traumatology" for the needs of Department of Orthopedics and Traumatology, Medical University "Prof. Dr. Paraskev Stoyanov" - Varna, in connection with a competition announced in the State Gazette, no. 8 / 28.01.2020

The review has been prepared in accordance with the Law for the Development of the Academic Staff in the Republic of Bulgaria, Rules for the implementation of this law, Rules for the development of the academic staff at the Medical University - Varna, November 28, 2016, Annex No. 1 to these Rules and Order No. P - 109 - 195 / 03.06.2020 of the Rector of the Varna University.

Only one candidate, Associate Professor Margarita Mihailova Kateva, MD, Head of the " Hand Surgery and Reconstructive Surgery Clinic " at the University Hospital "Sofiamed" participated in the competition.

Assoc. Prof. Dr. Kateva DM is graduates high school with learning German and English in Montana. She obtained his higher education in medicine from the Medical Academy, Faculty of Medicine, Medical University of Sofia, Bulgaria (Diploma No. 003972 of 1983) and a specialty in Orthopedics and Traumatology in 1993 (Diploma No. 07687 from 09.03.2001). In 2008, the Higher Medical Academy awarded her Doctor of Science on the basis of a dissertation on the subject "Emergency reconstruction of traumatic defects of the fingers with retrograde homodigital and metacarpal island flaps" (Diploma No: 32197 / 24.03.2009).

The entire length of service of Assoc. Prof. M. Kateva, MD was as a surgeon in operating clinics. She began as a resident physician at the Surgery Department at Elin Pelin Regional Hospital (1983-1987). She works as an ordinator at the Department of Surgery at the Surgery at UMBALSM "NI Pirogov". (1987 - 2011) and Head of the 1st Traumatology Clinic at the UMBALSM "NP Pirogov" (2011-2014). Since 2014, Assoc. Prof. Kateva is Head of the Department of Hand Surgery and Reconstructive Surgery at the University Hospital "Sofiamed".

Her total length of service is 35 years and 2 months, of which 24 years as a doctor specializing in orthopedics and traumatology. (Certificate 25 / 30.01.2020, University Hospital "Sofamed").

Assoc. Prof. Kateva has many specializations, including many years in reconstructive surgery, peripheral nerve surgery, hand surgery, microsurgery and more. at the Milezi Center, Vienna, Clinic " Rehts der Isar ", Munich, specialized clinics in Budapest, Ankara, Florence, etc. She has recognized competence in " Jurisdiction in microvascular surgery"MU - Sofia (since 11.03 .2014, Diploma - No RC 36-393) and " Jurisdiction in Surgery of the Hand " MU - Sofia (since 18.04.2013, Diploma - No RC 36-842).

She is the chairman of the examination committee for VSD " Hand surgery " (Order No. PK 36-180, dated 13.02.2019).

Assoc. Prof. Kateva is a member of prestigious professional organizations: Bulgarian Orthopedic Traumatology Association (BOTA), Bulgarian Society of Surgery of the Hand of which she is also President, FESSH (Federation of European Societies for Surgery of the Hand) and IFSSH (International Federation of Societies for Surgery of the Hand),

Assoc. Prof. Kateva is a research assistant of PhD students in the Doctoral Program "Orthopedics and Traumatology".

She was a member and reviewer in scientific juries for awarding degrees and academic positions at the Medical University of Sofia, TU Ruse and the Medical University of Pleven.

Assoc. Prof. M. Kateva, MD is a participant in 1 (one) research project in our country - project ".2108, No. H27 / 36 with the theme" Antenna technologies for wearable devices on the human body in the future communication networks.

1. SCIENTIFIC PRODUCTION

In this competition, Assoc. Prof. Margarita Mihaylova Kateva, MD, presented: List and available copies of scientific publications in our and foreign countries journals, reports and announcements from participation in international and national conferences, symposiums and congresses - a total of 125 titles. **Of them-2 monographies, 1 abstract of thesis, 32 publications in non-citation journals, 6 publications in cited journals of which 3 with IF(own in total 2.629).** Thus, the actual publications of the candidate are 41, Of the actual publications, 8 are in English, 18 in Bulgarian and English and 35 in Bulgarian. First or only author in 82% of publications. Of the actual publications, 38 (thirty-eight) are after the award of the academic position of "Associate Professor".

The candidate's research interests and innovative contributions are in several areas of orthopedics, but mainly concern upper limb surgery.

In 49% (72 copies) of the scientific works of Assoc. Prof. Dr. Kateva, they consider problems of peripheral nerve surgery - 1 monograph, 20 real publications, 30 reports with published summaries and 21 reports at scientific forums orthopedic and traumatological problems of the above limb. The publications are mainly in journals with a focus on "Emergency Medicine" and in the journal Orthopedics and Traumatology. Most of the presentations were presented at FESSH congresses and national conferences and congresses with a main theme - hand surgery.

The flap for reconstruction of post-traumatic defects of the hand is the subject of 1 dissertation, 1 monograph, 22 publications and 28 scientific reports - 35% of the scientific papers.

The remaining 16% can be summarized as upper limb orthopedics and others.

All works of the candidate contain their own research and scientific and practical conclusions.

The scientific contributions of the author, which are the first of their kind in our country, are in the field of:

1. Nerve transfers in high injury to the peripheral nerves of the upper limb, as well as in the infants.
2. The research activity of the candidate is also focused on the description and application of the most modern method of treatment for plexus injuries in Bulgaria - neurotisation - preparation of an algorithm and principles of treatment. The topic has been studied in 1 monograph and 6 publications.
3. The subject of the scientific activity of the candidate are also: Nerve transfers in case of high injuries of the peripheral nerves of the upper limb (5 publications).
4. Another main direction of the research researches of the candidate are the modern tendencies for preparation of flap for reconstruction of post-traumatic defects of the hand (1 monograph and 22 publications). Some of the contributions on the topic are: preparation of: a streamlined classification of the skin flaps according to their location relative to the defect, an exact algorithm of operative behavior in the reconstruction of the thumb. algorithm of approach in skin defects of the long fingers of the hand.
5. Introduces in Bulgaria a method for surgical treatment of III-IV degree of lunatomalacia (Kienbock) - Osteochondral graft from the lateral femoral condyle on a microvascular anastomosis.
6. Algorithm of surgical approach for reconstruction of bone and soft tissue defects of the lower leg and foot.

Almost all of these innovative treatment methods have been applied for the first time systematically, with high selectivity and analytically in Bulgaria.

Based on an official reference from the Central Medical Library, 16.03.2020, the positive citations in Bulgarian and foreign scientific sources are: total number of citations - 30 - (4 - in cited journals; 26 in Bulgarian journals). For the other 12 citations not included in this reference, a list and evidence with copies of the sources are presented.

As an additional value to the scientific production of Assoc. Prof. Dr. Kateva, MD, I can also reflect the scientific reports and announcements at conferences abroad - 41 and presentations in Bulgaria - 46 or a total of 87.

Assoc. Prof. Dr. Kateva, MD has received numerous national and foreign awards related to research, including: "Doctor of the Year 2018 for contribution to the development and application of innovative medicine and unique techniques" of the Sofia Medical Colleagues of BMA.

2. TEACHING ACTIVITIES

Assoc. Prof. Dr. Margarita Kateva, MD, has been actively involved in teaching since 2010. She is a supervisor of residents. Conducts seminars and practical classes. The total classroom employment of Assoc. Prof. Dr. Margarita Kateva, MD is related to her teaching activities at UMBASM "Pirogov" and the Department of Orthopedics and Traumatology of MF and MU - Sofia. Participates in the development of tests and innovations in the training of orthopedics and traumatology. Participates in examination commissions - semester and state exams.

Assoc. Prof. Dr. Margarita Kateva, MD has a high commitment as a supervisor of five PhD students.

Assoc. Prof. Dr. Margarita Kateva, MD has significant activity in postgraduate training: lecturer and leader of practical classes in thematic courses organized by SDO for specialists in orthopedics and traumatology on various topics - upper limb surgery; microsurgery and replantation in orthopedics and traumatology.

I believe that according to the terms and conditions for acquiring scientific degrees and holding academic positions (LASB / 2018) and the Regulations for the structure and activities of MU - Varna, under which the competition is held,

Assoc. Prof. Dr. Margarita Kateva, MD, fully meets the minimum scientific and metric requirements for holding the academic position of "professor" at MU, Varna:

According to the analysis of the scientific works according to the requirements of MU "Prof. Dr. Paraskev Stoyanov" - Varna for participation in a competition for the academic position "PROFESSOR", Assoc. Prof. Dr. Margarita Kateva, MD, there are two monographs, one thesis abstract, 32 publications in non-refereed journals, 6 publications in scientific journals, referenced and indexed in world-famous databases with scientific information - 3 of them with IF (Personal IF: 2.629), Thus the real publications of the candidate are 41. There are also 38 citations in Bulgarian sources, 4 citations in foreign sources - a total of 42 citations that meet the requirements.

In conclusion:

The analysis of all administratively required documentation, based on the attached works, their quantitative and qualitative analysis as a scientific production and their compliance with the requirements of the Act, give me reason to vote "positive" and propose to the esteemed Jury and the members of the Faculty Council. of the Medical Faculty at the Medical University - Varna, the only one to submit the necessary documentation for the announced competition (announced in SG, issue 8 / 28.01.2020) for holding the academic position "Professor" in the field of higher

education 7. "Health and Sports" in professional direction 7.1 "Medicine" and scientific specialty "Orthopedics and Traumatology" for the needs of the Department of Orthopedics and Traumatology of the Medical Faculty at MU-Varna, Assoc. Prof. Dr. Margarita Mihaylova Kateva - Vrabcheva, MD, to be elected Professor of Orthopedics and Traumatology.

17.07.2020


Assoc. Prof. Dr. N. Dimitrov, MD, PhD