

REVIEW

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Under the procedure for obtaining an academic position “Associate Professor” in the field of higher education 7. “Health and Sports” in professional direction 7.1 “Medicine” and scientific speciality “Orthopaedics and Traumatology” – 0.5 full-time position at the Department of Orthopaedics and Traumatology, Faculty of Medicine and 1 full-time position at the Clinic of Orthopaedics and Traumatology at MHAT “St. Anna”–Varna AD, in connection with a competition announced in the State Gazette, issue No 7/23.01.2024.

The review has been drawn up in accordance with the Act on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Application of this Act and the Regulations for the Development of the Academic Staff at Medical University–Varna as of 21 November 2022, Annex 1 to those Regulations and Order No R-109-88/21 March 2024 of the Rector of Medical University–Varna.

Only one candidate has participated in the competition – Dr. Nikolay Petrov Kolarov, PhD – Chief Assistant Professor at the Department of Orthopaedics and Traumatology, MU–Varna.

Dr. Kolarov was born in 1963. He graduated from the Faculty of Medicine at Medical University–Varna in 1989 (Higher Education Diploma No: 2095 of 13 November 1989). He acquired a speciality in Orthopaedics and Traumatology in 1997. (Certificate No: 003600 of 09 August 1997). In 2017, he was awarded ESD Doctor of Philosophy (PhD) in Medicine by a Scientific Jury following a defended dissertation entitled “Unipolar Endoprosthesis as a Treatment Option for Hip Joint Fractures in Elderly Patients” (Diploma No: 253 of 20 December 2017).

Dr. N. Kolarov, PhD has gained professional experience entirely working as a medical doctor – orthopaedist-traumatologist. Initially, he was distributed to work as an orthopaedist at the Surgery Department of the District Hospital in the city of Popovo (November 1989-July 1991). In 1991 he began a specialisation in the field of Orthopaedics and Traumatology at MHAT “St. Anna” – Varna AD and worked as an orthopaedist at Vladislavovo Diagnostic & Consultation Centre (DCC) (August 1991-March 1995). Since April 1995 to the present he has been a doctor – orthopaedist-traumatologist at MHAT “St. Anna”. The total professional experience of Dr. Kolarov, PhD is

34 years and 3 months, with experience in the speciality 26 years and 8 months (Certificate 332/07 February 2024, issued by MHAT "St. Anna" – Varna AD). He was Chairman of the Board of Directors (15 April 2015–07 February 2017) and Executive Director (8 February 2017–28 September 2017) of MHAT "St. Anna" – Varna. Since January 2012 Dr. Kolarov has been a member of the academic staff of Medical University–Varna, successively passing the entire hierarchy of non-habilitated academic career positions – Assistant Professor and Chief Assistant Professor, having held the last position since 2018 (Certificate 112-60/07 February 2024).

Dr. Kolarov, PhD has specialisations in the field of Orthopaedic and Trauma Surgery in Bulgaria and the EU. He has obtained a recognised legal capacity in "Joint Endoprosthetics", "Revision Endoprosthetics", "Periprosthetic Fractures" and "Operative Treatment of Pelvic Fractures". He has completed "fundamental" and "advanced" courses at AO Trauma. Dr. Kolarov is a member of prestigious professional organisations: Bulgarian Orthopaedic and Traumatological Association (BOTA) and European Federation of National Associations of Orthopaedics and Traumatology (EFORT). He is fluent in English and Russian.

1. SCIENTIFIC PRODUCTION

Within the current competition Dr. Nikolay Petrov Kolarov has presented: List and availability of copies of the dissertation abstract "Unipolar Endoprosthesis as a Treatment Option for Hip Joint Fractures in Elderly Patients", the monograph "Therapeutic Problems in Geriatric Orthopaedic Trauma" ISBN 978-619-241-284-5, STENO Publishing House Varna, 2023 and scientific publications in specialised journals – a total of 18 titles. The tabular presentation of the quantitative indicators presented by the candidate is as follows:

A. Analysis of All Scientific Works

Scientific Works	Number
Abstracts of dissertations	1
Monograph	1
Articles published in Bulgarian journals and peer-reviewed scientific collections	14
Publications in peer-reviewed journals and IF journals	2
Total number	18

B. Analysis of Citations

Citations	Number
Citations in Bulgarian sources	7
Citations in foreign sources	1
Total number	8

A reference to the citations in Bulgarian and foreign sources is provided by Medical Library – MU–Varna 45/09 February 2024.

C. Analysis of the Scientific Activities according to Art. 126 and Annex 1 of the Regulations for the Development of the Academic Staff at Medical University–Varna as of 21 November 2022

Scientific works	Single author	First author	Second author	Third and following author	Number
Dissertations	1	0	0	0	1
Monographs	1	0	0	0	1
Publications and reports, in non-refereed peer-reviewed journals or published in co-edited volumes	2	3	3	3	11
Publications and reports, in scientific journals, refereed and indexed in globally renowned databases	1	1	0	0	2
Total number	5	4	3	3	15

For a total number of Dr. Kolarov's works for participation in the Competition, in compliance with the Regulations for the Development of the Academic Staff at MU–Varna and Annex 1, I have acknowledged **15 (fifteen research papers)** of the total number of scientific works with which the candidate has participated in the competition. The

candidate is the sole or first author in 9 of them (60 %). These works contain Dr. Kolarov's own scientific research and have been published in Bulgarian and English language respectively (9 publications). The submitted publications have not been used in previous competitions for awarding ESD Doctor of Philosophy (PhD) and AP "Chief Assistant Professor".

According to Art. 125 (2) of the Regulations for the Development of the Academic Staff at MU-Varna, Dr. Kolarov's monographic work – "Therapeutic Problems in Geriatric Orthopaedic Trauma" ISBN 978-619-241-284-5, STENO Publishing House, Varna 2023, has been issued in a volume of 130 pages. It contains data from his own scientific research and has been reviewed by two habilitated lecturers in the speciality. **The monograph fully meets the legal requirements for this type of work and the requirements of this competition.** The candidate has presented abstracts of the monographic work in Bulgarian and English.

The citations of the candidate's work are 8. One of them is in a peer-reviewed journal.

The main directions in the candidate's research activities are focused on fractures of the locomotor apparatus and more specifically of the shoulder, wrist and hip joints in adults, geriatric patients, and the multidisciplinary approach in the treatment of these injuries. The contributions are scientific-applied and confirmatory.

As an additional asset of the scientific interests of Dr. Kolarov, PhD, I can also point out his participations at more than ten EFFORT World Forums in the field of our speciality and at the annual national meetings on Orthopaedics and Traumatology organised by BOTA.

Dr. N. Kolarov has submitted a registration in Google Scholar and ORCID, and his scientific profile reflects publications with the relevant citations. (Academic report 45/09.02.2024)

According to the National Minimum Scientometric Requirements for Holding the Academic Position of Associate Professor, professional direction 7.1 Medicine, under which this competition has been conducted and Annex 1 of the Regulations, Dr. N. Kolarov, PhD **fully meets the Minimum Scientometric Requirements** for holding an academic position of "Associate Professor" at MU-Varna:

Group of indicators	Content	Minimum requirements for "Associate Professor"	Submitted evidence of a participant in a competition for "Associate	POINTS	% PERFORMANCE

			Professor” FM of MU- Varna			
A	Indicator 1	50	Dissertation	50	100%.	
C	Indicators 3	100 Monograph	Monograph ISBN – 978- 619-241-284- 5	100	100%.	
D	Sum of indicators 5 – 9	200	Refereed –2 Non- refereed – 11	D-7	90	125.5 %.
				D-8	161	
				Total	251 p.	
E	Sum of indicators 10 – 12	50	Refereed issues – 1 Non-refereed issues – 7	50	100%	

2. EDUCATIONAL AND TEACHING ACTIVITIES

Chief Assistant Professor Dr. Nikolay Petrov Kolarov, PhD has been actively involved in educational and teaching activities since 1st March 2012 as Assistant Professor (2012-2018) and Chief Assistant Professor since 2018 to the present. His professional experience in the last academic position is 4 years and 8 months, and in total 12 years and 1 month.

He delivers lectures for students at the Faculty of Medicine at MU-Varna. He also conducts exercises in Bulgarian. The total number of contact hours of Dr. Kolarov for the period 2018/2019-2022/2023 is 1 132 academic hours (Reference 112-60/07 February 2024 MU-Varna). The average annual allocation over the last 5 years of the **contact hour workload of the candidate has been 226.4 academic hours**, which fully meets the requirement of Art. 125 (3) of the Regulations for the Development of the Academic Staff at MU-Varna.

The candidate also conducts exercises for first year of study students in the speciality Rehabilitation Therapists at Medical College-Varna.

Dr. Kolarov, PhD is a scientific supervisor of two postgraduate students in Orthopaedics and Traumatology.

3. MEDICAL AND DIAGNOSTIC ACTIVITIES

Dr. Nikolay Kolarov, PhD is a fully developed orthopaedist traumatologist. He performs independently all complex and very complex surgeries in the field of Operative Orthopaedics and Traumatology of the Locomotor Apparatus. The applicant's surgical workload over the recent years has exceeded the workload required by the Standards in “Orthopaedics and Traumatology”. According to the attached report, for the period 2020-

2023 he has performed 1 458 surgeries in the limbs and pelvis, and more than 30 % of them have been large and very large surgeries. (Reference GAMA, March 2024).

In conclusion:

The analysis of all the administratively required documentation, based on the attached scientific works, their quantitative and qualitative analysis as scientific production and their compliance with the requirements of the Act, give me reasons to vote “**positive**” and I appeal to the Jury I respect, as well as to the members of the Academic Council of MU–Varna, the only candidate who has submitted the required documentation for the announced competition (announced in SG No 7/23.01.2024) for holding an academic position of Associate Professor in the field of higher education 7. “Health and Sports” in professional direction 7.1 “Medicine” and scientific speciality “Orthopaedics and Traumatology” – 0.5 full-time position at the Department of Orthopaedics and Traumatology, Faculty of Medicine and 1 full-time position at the Clinic of Orthopaedics and Traumatology at MHAT “St. Anna” – Varna AD Dr. Nikolay Petrov Kolarov, PhD **to be elected Associate Professor of Orthopaedics and Traumatology.**

10.April 2024

Prof. Dr. Hristo Georgiev, DSc

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

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