

REVIEW

from

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About : Course occupying an academic position "Associate Professor" in the field of higher education 7. "Healthcare and Sports" by professional direction 7.1 "Medicine" and scientific specialty "Orthopaedics and Traumatology" - 0.5 full-time position for the Department of "Orthopaedics and Traumatology", Faculty " Medicine" and 1 full-time position for the Clinic of Orthopedics and Traumatology at the "St. Anna - Varna" Medical Center AD, in connection with a competition announced in the "State Gazette", no. 7/23/01/2024

With Commandment on The Rector of the University of Varna P-109-88 / 21.03.2024 and with a decision of the Faculty Concil (Protocol No. 18 /11.03.2024) i am included in the Scientific Jury and Decision on the chairman on the scientific jury with Protocol # 1/ 03/04/2024 am determined to prepare **review** as **internal** member by procedure for acquisition on the academic " Ass. Professor" position in the specialty "Orthopaedics and traumatology", Professional direction 7.1 Medicine, in the field of higher education 7. Health care and sports at the Faculty of Medicine, Department of "Orthopaedics and traumatology", Medical University "Prof. Dr. Paraskev Stoyanov"-Varna.

Dr. Nikolay Petrov Kolarov, Ph. D , was submitted for the competition . - Chief assistant at the Department of Orthopedics and Traumatology, Varna University of Medical Sciences. All necessary documents for participation in the competition have been submitted according to the Regulations of the MU-Varna and the Law on the Development of the Academic Staff.

BRIEF BIOGRAPHICAL DATA

Dr. Kolarov was born in 1963. He graduated from Higher Education in Medicine at Varna Medical University in 1989. He obtained a specialty in " Orthopedics and Traumatology " in 1997. In 2017, he obtained an Academic degree after a defending dissertation on the topic "Unipolar arthroplasty as the treatment of choice for femoral neck fractures in elderly patients"

Dr. Kolarov is a medical doctor with more than 30 years of experience in the field of Orthopedics and Traumatology, and his professional career was spent entirely in the Department of Orthopedics and Traumatology at the "St. Anna" Varna. The total professional experience of Dr. Kolarov is 34 years and 3 months, with experience in the specialty of 26 years and 8 months (Certificate 332/07.02.2024 from MBAL "St. Anna" AD - Varna). For a short time, the candidate held a managerial position as the Chairman of the Board of Directors of the "St. Anna" Varna for the period 2015-2017.

Since 2012, Dr. Kolarov has been an assistant in the Department of Orthopedics and Traumatology, and since 2018 he has been a chief assistant (Certificate 112-60/07.02.2024). As a teacher, he is engaged in teaching students speciality "Medicine" and speciality in "Rehabilitator" in Bulgarian language. The Candidate's study load for the last 5 years fully meets the requirements of the Rules for the Development of the AS of MU-Varna. (Reference 112-60 / 07.02.20 2 4 MU Varna) . Dr. Kolarov is the scientific director of two residents in Orthopedics and Traumatology.

SCIENTIFIC PRODUCTION

In the current one competition Dr. Nikolay Kolarov PhD , is presented for participation in the Competition , according to Law and Regulations for development on the academic lineup in Republic of Bulgaria: List and in stock on copies on electronic carrier on scientific publications in our and foreign journals , reports and announcements from participation in international and national conferences , symposia and congresses - a total of 18 titles (eighteen scientific productions). From them : one monograph , one abstract on dissertation .

Those represented for the contest publications includes one independent monograph , one dissertation labor and 13 publications in magazines and collections , as 9 are on English

language . As an independent author - 1 publication; like first author , the candidate there are 6 publications ; second author – 3; third and next – 4. In the current competition, Dr. Nikolay Petrov Kolarov, PhD, presented: List and availability of copies of the abstract" Unipolar endoprosthesis as a treatment option for femoral neck fractures in elderly patients", monograph "Therapeutic problems in orthopedic-traumatological geriatrics" ISBN 978-619-241-284-5 , STENO Varna, 20 23 The featured ones works , publications , citations and others scientific activities completely respond on the current ones requirements on The law for development on the academic composition in the Republic Bulgaria in the region on the higher education 7. "Health and sports ", professional direction 7.1. Medicine , scientific specialty " Orthopaedics and Traumatology " , as well as the Regulations for the application on Medical university - Varna for borrowing on the academic " Ass. Professor" position .

The scientific ones interests and contributions on the candidate are in several areas on orthopedics , but mostly touch the surgical treatment on the fractures of the proximal femur with an emphasis on a specific population – the elderly patients. The multimodal approach in the treatment of this type of patients is mandatory from the point of view of complex care and prevention of complications.

MAIN DIRECTIONS AND SCIENTIFIC CONTRIBUTIONS

1. *Treatment of femoral neck fracture in adult patients - development of a therapeutic algorithm for choosing the optimal implant and treatment method, as well as a specific rehabilitation protocol.*

DIRECTION 1: (A 1; B 3; D8.1, D8.3, D8.8 from Academic Reference)

Fractures of the upper end of the thigh affecting the hip joint are a common pathology in light of the increasing life expectancy. This pathology is associated with a number of complications, one of which is pulmonary thromboembolism - a condition that often ends in death. A timely therapeutic approach to these fractures leads to the prevention of this and other complications. The author focuses on different hip prosthesis configurations and the shape of the femoral head. From the scientific production of the author in this direction, the importance of the

type of implant for the prevention of postoperative pain and the good clinical result becomes clear. The candidate also has publications on other common pathology such as fractures of the lower end of the wrist joint and the upper end of the shoulder.

2. Analysis and recommendations for choosing the optimal endoprosthesis implant in geriatric fractures of the femoral neck .

DIRECTION 2: (A1; B3; D8.1; D8.2 from Academic Reference)

Dr. Kolarov analyzed several cohorts of patients treated with a different form of hip implant . From the scientific production indicated in this direction, it is clear that the different shape affects the functional result in a specific group of patients, such as those with geriatric fractures. Apart from the orthopedic point of view, the author directs his attention to other disciplines directly involved in the recovery process. The complexity of the focus makes an impression and I admire the multidisciplinary approach of the author in his scientific developments.

3. Emphasizing the social relevance of optimizing the management of fractures of the proximal humerus , distal radius and proximal femur in geriatric patients in relation to public health.

DIRECTION 3: (C 3; D8.3; D8.4; D8.5; D8.6; D8.7; D8.8 from Academic Reference)

The multidisciplinary approach to fractures in adult patients is of extreme medico-social importance. The problems facing the clinician are complex and require polyvalence and clinical expertise. The delicate balance between optimal and critical condition is determined by the therapeutic algorithm set at the very first examination of the patient. In the academic reference, 2 articles with a focus on renal pathology and 2 articles with a focus on thyroid and infectious pathology are presented . Although not directly related to the applicant's main discipline, the mentioned articles show the complexity of the author's approach in patients with geriatric fractures - femoral shoulder and wrist joint.

According to Art . 125 (2), from The regulations for the development of the academic staff at MU-Varna, the monographic work of Dr. Kolarov - " Therapeutic problems in orthopedic-

traumatic geriatrics" ISBN 978-619-241-284-5, STENO Varna 2023 was published in a volume of 130 pages. It contains data from own scientific research and was reviewed by two qualified teachers in the specialty. The monograph fully meets the legal requirements for this type of work and the requirements of the current competition. It presents the long-term experience of the candidate in this direction. Summaries of the monographic work are presented in Bulgarian and English.

Citations of the candidate's works are 8. One is in a refereed journal.

In conclusion , the reason on performance on the minimum national requirements specified in the Regulations for application on The law for development on the academic composition in the Republic Bulgaria and the Regulations on Medical University-Varna , established contributions on the scientific activity on the candidate and the teaching and clinical experience mi they give reason for mine **positive** here I suggest on the venerable members on The scientific Jury Yes vote " positive " and yes offer on The Rector of MU – Varna , the only candidate submitted the necessary documentation for the announced competition (announced in SG No. 7/23.01.2024) for the occupation of an academic position "Ass. Professor" in the field of higher education 7. "Health and sports" in the professional direction 7.1 "Medicine" and scientific specialty "Orthopedics and Traumatology" - 0.5 full-time position for the Department of Orthopedics and Traumatology, Faculty of Medicine and 1 full-time position for the Clinic of Orthopedics and Traumatology at the St. Anna Medical Center - Varna , Dr. Nikolay Petrov Kolarov, dm to be elected Associate Professor of Orthopedics and Traumatology.

Varna
12.04.2023

Prof. Dr.  MD, PhD.

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