

## **REVIEW**

from

Assoc. Prof. Martin Burnev dm

Department of Orthopedics and Traumatology

Medical University "Prof. Dr. Paraskev Stoyanov" Varna

By Order P-109-371/21.08.2023 of the Rector of MU-Varna and by the decision of the FS (protocol 31.07.2023) and the decision of the chairman of the scientific jury with protocol No. 1/31.08.2023. I have been appointed to prepare an opinion as an internal member of the Scientific Jury on the procedure for acquiring the academic position "Associate Professor" in the specialty "Orthopedics and traumatology", Professional direction 7.1 Medicine, in the field of higher education 7. Health care and sports at the Faculty of Medicine, Department " Orthopedics and traumatology", Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

For participation in the competition, documents were submitted to a single candidate, Dr. Svetoslav Lachezarov Dobrilov. For the competition, the candidate has submitted all the necessary documents in accordance with the requirements of the Law on the Development of the Academic Staff and the Regulations of the Medical University-Varna for its implementation.

### **I. Biographical data and career profile of the candidate**

Dr. Svetoslav Dobrilov and born in 1980 in Varna. He graduated with a degree in "Medicine" in 2004 at the University of Varna. In 2005, specialization in Orthopedics and Traumatology began at the "St. Anna" Varna. In the same year, after a competition, he became an assistant at the Department of Orthopedics and Traumatology at the Medical University of Varna. Acquires a specialty in Orthopedics and Traumatology in 2010. Since 2012, he has been working in the Department of Orthopedics and Traumatology at the University Hospital "St. Marina "Varna". In 2018, he defended his doctorate on the topic - "Osteoplastic reconstruction in anterior shoulder instability with concomitant bone loss of the glenoid." , and 2019 so far is chap. assistant in the department.

The candidate regularly participates in national meetings and congresses of the Bulgarian Orthopedic and Traumatological Association and a number of international events such as congresses of european (ESSKA) and world (ISAKOS) associations.

He has conducted specializations and courses in Israel, Germany, Italy, France, Hungary and Croatia. He has certificates in highly specialized activities - Endoprosthesis and Arthroscopy of joints, member (BOTA, BAAST) and (ESSKA, EFFORT).

### **II. Assessment of learning and teaching activity**

The attached academic reference shows that the average annual study load (auditory and non-auditory) exceeds the required norm for non-qualified teachers at the University of Varna. Dr. Dobrilov is actively and fully involved in the teaching activity in Bulgarian and English education of medical students. He has more than 17 years of teaching experience and participates in the teaching of the disciplines "Orthopedics and Traumatology" and "Orthopedics and Traumatology with Orthotics and Prosthetics" at Medical University-Varna.

The above-mentioned facts give me reason to conclude that the candidate has the necessary professional experience and personal qualities the academic position "Associate Professor".

The works presented for participation in the competition, a total of 30 works, reflect the scientific research activity in the period 2012-2023. Distribution of the scientific works by type:

Habilitation work - 1 issue, Dissertation work - 1 issue, publications in journals and anthologies - 28 issues

### **III. Evaluation of the candidate's scientific works Main directions of the scientific works:**

1. Shoulder instability and accompanying bone defects
2. Primary and revision endoprosthetics of knee and hip joints
3. Arthroscopic and mini-invasive surgery in sports traumatology
4. Shoulder endoprosthesis
5. Collaboration and interdisciplinary approach in Orthopedics and Traumatology

### **Contributions related to the main directions of scientific works:**

#### **FIELD 1: (A 1; B3; Publications for PhD degree G8.1, G8.2, G8.3 and G8.4 from the academic reference)**

The main contribution of the author is the operative application of the coracoid transfer technique for the correction of bony defects of the glenodia of different sizes. I hereby accept the work of Dr. Dobrilov as a direct continuation of the work of one of the founders of Bulgarian orthopedics and traumatology, Prof. Boycho Boychev, as operative techniques for shoulder instability.. The analysis of the results based on computed tomography proves the reliability of the technique and regardless of the degree of bone augmentation resorption.

#### **FIELD 2 :( D7.2, D8.1, D8.2, D8.5, D8.8, D8.15; full-text publication beyond minimum requirements #1,)**

A thorough analysis of the possibilities of dual-mobility acetabular components in the treatment of femoral neck fractures in adult patients was performed.

The use of individual femoral stems in patients with extra-articular hip deformities allows accurate restoration of hip kinematics, especially in young patients with pre-existing TBS pathology. Analysis of the use of tranexamic acid to control blood loss in knee arthroplasty allows the expansion of indications for its use beyond arthroplasty and extensive bone surgery.

**FIELD 3 :( D8. 3, D8.4, D8.6, D8.7, D8.9, D8.10, D8.11, D8.12, D8.13, D8.14, D8.16, Publications for the administrative position "Chief Assistant Professor" No. 1, )**

Arthroscopic treatment of diseases of the shoulder joint such as calcific tendinitis and degenerative rotator cuff tears is the gold standard in modern clinical practice.

Mini-invasive techniques have been demonstrated for the most common traumatic conditions both in professional athletes and in people with high physical activity: anterior cruciate ligament reconstruction, tendon and muscle ruptures.

**FIELD 4 : ( G7. 4 )**

Shoulder arthroplasty with an emphasis on polyfragment fractures is the next direction in the candidate's scientific work. The work is focused on the possibilities of reverse-prosthetics, the position of the components and their relationship with postoperative results and complications.

A prerequisite for a good clinical result is not only the correct surgical technique and positioning of the implants, but also an adequate, targeted and active, multidisciplinary approach in the postoperative period.

**FIELD 5 : (G7.1, G7.3, G8.17, publications for AD "Chief Assistant" No. 2, )**

The application of the multidisciplinary approach in the treatment of each pathology is of utmost importance in order to establish the correct diagnosis and choose an appropriate treatment algorithm.

The overall scientific production is closely related to the collaboration between orthopedists-traumatologists and kinesiologists in the treatment of the above-mentioned pathology. This is a prerequisite for achieving optimal functional results.

On the basis of the presented report - self-assessment for the implementation of the national minimum scientometric indicators, I conclude that Dr. Svetoslav Dobrilov meets these criteria and fully meets the requirements for occupying the academic position "Associate

Professor" according to the regulations for the implementation of ZRASRB and the Regulations of the Ministry of Education -Varna.

#### **V. Conclusion**

I will vote positively for the awarding the academic position "Associate Professor"awarding to Dr. Svetoslav Lachezarov Dobrilov in the competition for Professional direction 7.1. Medicine for the needs of the Department of Orthopedics and Traumatology at the Faculty of Medicine of the Medical University of Varna.

**Date** 12.09.2023

**Ass. Prof. Burnev**

