

## REVIEW



regarding the materials, submitted by  
Stoyan Zhelyazkov Hristov, MD, PhD  
for participation in the competition for the academic position 'Associate Professor'  
of University 'Prof. Dr. Asen Zlatarov'  
in the field of higher education

7. Healthcare and sports, professional direction 7.1. Medicine, in the scientific specialty  
'Orthopaedics and Traumatology,

announced in State Gazette, issue 69/ 11.08.2023

### 1. General information

Present review has been prepared by **Prof. Valentin Konstantinov Vasilev , MD, PhD** - Department of 'Surgical interventional disciplines', Faculty of Public Health and Healthcare, University 'Prof. Dr. Asen Zlatarov' - Burgas.

Reason for writing the opinion: Order of the Rector of the University 'Prof. Dr. Asen Zlatarov' - Burgas No. RD-287/18.10.2023 for the appointment of a scientific jury and Protocol No 1 of the first meeting of the scientific jury.

This review was drawn up in accordance with the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations on the Terms and Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the University 'Prof. Dr. Asen Zlatarov' - Burgas.

The materials submitted for participation in the competition for the academic position of 'Associate professor' are in accordance with the Regulations for the terms and conditions for the acquisition of scientific degrees and the occupation of academic positions at the University 'Prof. Dr. Asen Zlatarov' - Burgas.

Stoyan Zhelyazkov Hristov MD, PhD is the only candidate participating in the competition.

## **2. General data about the candidate**

Chief Assistant Professor Stoyan Zhelyazkov Hristov, MD, PhD was born on 28.07.1971. In 1995 he graduated in Human Medicine at Medical University `Prof. Dr. Paraskev Stoyanov` - Varna (diploma VD-95 No B -0017741)

In 2002 he mastered his specialty exam in Orthopedics and Traumatology at Medical University in Sofia.

On 10.05.2022 he was awarded the educational and scientific Doctorate degree/Ph.D in specialty `Orthopedics and Traumatology` in professional field 7.1 Medicine after a successful dissertation defense on the thesis `Operative treatment of proximal humeral fractures with locking plate with and without augmentation- comparative analysis` at UMHATEM `Pirogov` - Sofia( diploma B- 000046)

In the period March1998 – May 2002 Dr. Hristov was a resident doctor in Orthopedics and Traumatology at UMHATEM `N. Pirogov`. After obtaining his specialty, he worked MBAL Burgas (October, 2002 - October, 2003; November, 2004 - May, 2014), MEDICAL PARK Bad Rodach, Germany (November, 2003 - November, 2004), NHS –United Kingdom, England (June, 2014 – June, 2016) and back in UMBAL Burgas AD. Since July 2017 he has been Chief of the Orthopedics and Traumatology Clinic at UMBAL Burgas.

From September 2018 till October 2021, Dr. Stoyan Hristov was a part- time lecturer at University `Prof. Dr. Asen Zlatarov` – Burgas. In October 2021 he became an assistant. Since November 2022 he has been Chief Assistant at the University `Prof. Dr. Asen Zlatarov` - Burgas.

## **3. Description of the presented materials**

The presented set of materials and documents for participation in the competition is in accordance with Art. 67. (2) of the Regulations on the terms and conditions for acquiring scientific degrees and occupying academic positions at University `Prof. Dr. Asen Zlatarov` - Burgas.

All the documents and references required for the academic position `Associate professor` have been submitted.

The materials are very well described and arranged.

#### **4. Evaluation of teaching activity**

Chief Assistant Stoyan Hristov, MD, PhD has been teaching students from the specialties `Medical Assistant`, `Rehabilitation specialist` and `Medical Rehabilitation and Occupational Therapy`, Faculty of Public Health and Healthcare, University `Prof. Dr. Asen Zlatarov` - Burgas. He has been teaching students in Medicine specialty for the academic 2023/ 2024 at the same university and is a co-author of the curriculum in `Orthopedics and Traumatology`. In December 2022 he was the head lector of the course `AO trauma for surgical team members- clinical training`. His supervision of six interns in `Ortopedics and Traumatology` at UMBAL Burgas (3 with acquired specialty and 3 more in current training) confirm the competences of the candidate in the competition.

#### **5. General characteristics of the scientific and scientific-applied activity and assessment of the candidate's personal contribution.**

For the participation in the competition Dr. Stoyan Zhelyazkov Hristov has provided 13 scientific publications, which haven't been used for the acquisition of the educational and scientific Doctorate degree/ PhD and the academic position of Chief assistant.

They may be described as follows:

- 1 habilitation thesis (monograph);
- 1 published book based on a defended dissertation work for awarding the educational and scientific degree PhD;
- 7 scientific publications, referenced and indexed in world-renowned databases with scientific information (Scopus; Web of Science);
- 4 scientific publications in non-refereed journals with scientific review;
- 3 publications have an impact factor, 4 have an SJR index;

For co-authored scientific works the author has presented distribution protocols.

All scientific papers are relevant to the announced competition.

The monographic work of the candidate "Augmentation during surgical treatment of fractures of the proximal humerus with a locking plate" deserves special attention. It discusses the clinical presentation, diagnosis, and treatment of proximal humeral fractures, complications of pre-contoured, angulatory stable plate osteosynthesis.

Attention is paid to the main types of augmentation - strengthening of the medial buttress, filling of post-traumatic bone loss and formed cavities, screw tips augmentation, as well as some esoteric methods for completeness of follow-up of augmentation techniques. According to Indicator B, the candidate has **100 points**.

The scientific work, submitted by the candidate for participating in the competition are related to operative treatment of proximal humeral fractures, shoulder prosthetics, analysis of fracture preoperative planning and traumatism. The presented research and the obtained results prove the serious scientific potential and prove Chief assistant Dr. Stoyan Hristov as a researcher with significant scientific achievements and opportunities for research and critical analysis. All presented results are original and undoubtedly of high level of usefulness. I believe that this is proof of the scientific potential of Chief Assistant Dr. Stoyan Hristov, which gives me reason to define him as a successful and competent researcher with opportunities for research and critical analysis. In group G -indicators Chief Assistant Dr. Stoyan Hristov has **241.62 points** while the minimum requirement by University `Prof. Dr. Asen Zlatarov` - Burgas is 220 points.

The candidate's publications have reflection in scientific works of other authors, which shows that the obtained results are of high scientific value. Chief Assistant Stoyan Hristov, Ph.D. participates in the competition with 15 citations, 10 - in scientific publications, referenced and indexed in world-renowned databases with scientific information within a year period. In group D indicator the candidate has **175 points**, while 60 points is the minimum requirement by University `Prof. Dr. Asen Zlatarov` - Burgas.

In group E- indicators Chief Assistant Stoyan Hristov has achieved **70 points**, minimum requirement of 20 points by University `Prof. Dr. Asen Zlatarov` - Burgas.

The materials, documents and references provided show that Dr. Stoyan Hristov meets the minimum national requirements and the requirements of the Regulations for the conditions and procedures for acquiring scientific degrees and holding academic positions at the University `Prof. Dr. Asen Zlatarov` - Burgas for the academic position of Associate Professor in professional direction 7.1. Medicine. The total number of points achieved by the candidate is **636.62 points**, with a requirement for 450 points according to Regulations on the Terms and Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the University `Prof. Dr. Asen Zlatarov` - Burgas. for the academic position of `Associate Professor` in professional direction 7.1. "Medicine".

## **6. Conclusion on the application**

I have known Chief assistant Dr. Stoyan Hristov for more than 10 years and I can evaluate him as a loyal and responsible colleague, and as a researcher with serious scientific and scientific-applied achievements in the field of orthopedics and traumatology. He meets and exceeds all criteria for participation in the competition. No plagiarism was found in the scientific publications submitted for the competition. I confirm that all the requirements set by Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations on the Terms and Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the University `Prof. Dr. Asen Zlatarov` - Burgas are met in full.

I give positive evaluation for the application of Chief Assistant Stoyan Hristov, MD, PhD.

### **GENERAL CONCLUSION**

Considering above stated I recommend the scientific jury to make a proposal to the Faculty Council of the Faculty of Public Health and Healthcare at the University "Prof. Dr. Asen Zlatarov" – Burgas to elect Dr. Stoyan Zhelyazkov Hristov for the academic position of `Associate professor` in the field of higher education: 7. Healthcare and sports, professional direction 7.1. Medicine, scientific specialty `Orthopaedics and Traumatology.

6.11.2023

Signature:

(Prof. Valentin Vasilev, MD, PhD)