



## POSITION

**Prof. Zlatitsa Petrova, MD, PhD**

**Faculty of Public Health "Prof. Tcekomir Vodenitcharov, MD, DSc", Medical  
University Sofia**

**External member of the jury according to Ordinance РД- № 93 от 11.03.2024 г.  
Of the Rector of the „Prof. D-r Assen Zlatarov” University – Burgas**

Subject: Competition for the Academic Position of "Associate Professor" in the Field of Higher Education - "Healthcare and Sports", Professional Direction 7.4 Public Health, in the Scientific Specialty "Social Medicine and Organization of Healthcare and Pharmacy".

This competition was announced by the "State Gazette" issue 3/09.01.2024, and there is only one candidate – Senior Assistant Professor Dr. Boyko Georgiev Mirazchiyski.

### **Professional and Scientific Development:**

Chief Assistant Professor Dr. Boyko Georgiev Mirazchiyski was born in 1966 in the city of Setif, Algeria. He comes from a family of physicians, he is married with two children. He completed his secondary education at the English Language High School in Burgas and graduated as a medical doctor from the Medical University of Sofia in 1993. He holds the following specialties: General Surgery in 2000, Master's degree in Health Management from the University "Prof. D-r Assen Zlatarov" in Burgas in 2009. He has completed qualification courses in Upper and Lower Endoscopy and holds a certificate for completing a qualification course in Crisis Management at the "G.S. Rakovski" Military Academy. His professional experience includes working as a therapist from 1993 to 1998, followed by a residency in surgery until 2006. He transferred to managerial positions such as Deputy Director, Authorised representative (Procurator), and presently, Executive Director at the University Hospital Burgas.

### **Public Service:**

He served as a municipal councilor in Burgas for the mandate 2015-2019 and was the Chairperson of a of municipal councilors group. Additionally, he was the chairman of the Committee on "Reproductive Medicine" and Deputy Chairman of the Committee on "Health and Social Activities", as well as a member of the Committee on "Culture and Education". He initiated the establishment of the "Municipal Health Fund".

### **Awards:**

- Medal of Merit from the "Union of Bulgarian Commandos".

- "Golden Badge of the Bulgarian Red Cross" for organization and participation in providing assistance to the victims of the terrorist attack at Sarafovo Airport.
- Certificate of Assistance and Involvement from the Alliance of Patients with Rare Diseases.
- "Golden Plaque" from the Institute of Medical Supervision for organization and assistance in donor situations.

In 2021, he defended his dissertation on the topic "MEDICAL SERVICES QUALITY - AN ELEMENT OF EFFECTIVE MANAGEMENT IN UNIVERSITY HOSPITAL BURGAS AD," and since 2020, he has been an assistant and subsequently a chief assistant at the Faculty of Medicine at the University "Prof. Dr. Asen Zlatarov" in Burgas. He is proficient in English and Russian languages. He possesses excellent management and communication skills, and a flexible approach to work.

#### **Scientific Work:**

The area of scientific interest of Dr. Boyko Georgiev Mirazchiyski focuses on the work of hospital managers in fulfilling the public mission of healthcare facilities to improve the quality of medical services and enhance the health of the population through effective management of available financial resources. He works with exceptional attention to issues related to the mission and functions of the hospital, which determine its organization, as well as its internal and external system with coordination and hierarchical interactions. He strives, based on a scientific approach and practical experience, to transform the modern hospital from a company providing medical services into a humanized institution oriented towards people - a humanized hospital. Dr. Mirazchiyski's scientific and practical experience allows him to present in his dissertation and monographic work, as well as in a series of publications, a well-founded and practically applicable methodology for analysis and evaluation of quality, and to propose a new approach to hospital management through Risk-Based Monitoring and Control.

His publication activity aligns with the field of higher education, professional direction, and scientific specialty as defined in the announced competition. He has a total of 24 scientific works published in peer reviewed journals or in collections with signatures, with academic editors and publishers, in accordance with national and university educational norms for acquiring scientific degrees and holding academic positions: 2 books, 1 published book based on a defended dissertation for the award of an educational and scientific degree of "doctor", 1 publication, refereed and indexed in Scopus and Web of Science, and 20 publications in non-refereed journals with scientific peer review.

In the current competition, he participates with 16 materials, including: 1 independent monographic work, 1 co-authored book (Guide to Quality Monitoring in Healthcare and Medical Audit), 1 published book based on a defended dissertation for the award of an educational and scientific degree of "doctor", 1 scientific publication, refereed and indexed in world-renowned databases with scientific information (Scopus; Web of Science), and 12

publications in non-refereed journals with scientific peer review, as well as 2 abstracts printed in conference proceedings, 4 of which are independent and 12 co-authored, for which he has signed declarations of the degree of participation from the other participants, which is equivalent.

<b>Table 1. Total points/ indicators for "Associate professor"</b>			
<b>Group of indicators</b> Content	<b>Requirements for "Associate Professor"</b>	<b>University requirements</b>	<b>Min. national requirements</b>
<b>A Indicator 1</b>	50	50	50
<b>B Indicator 2</b>	-		
<b>B Indicator 3</b>	100	100	100
<b>B Indicator 4</b>			
<b>Г Sum of indicators 5 to 9</b>	235	220	200
<b>Д Sum of indicators 10 to 12</b>	80	60	50
<b>E Sum of indicators from 13 onwards</b>	90	20	-
<b>Total:</b>	<b>555</b>	<b>450</b>	<b>400</b>

In a situation of limited resources necessary for the effective functioning of the healthcare system on one hand, and increasing societal expectations and demands for the quality of medical services on the other, the implementation of a risk-based control and assessment model is one of the possible solutions. It allows for achieving maximum efficiency with optimal utilization of limited resources. Dr. B. Mirazchiyski's monograph, "Effective Hospital Management Based on Risk Assessment," is dedicated to effective hospital management, presenting a challenge to managers and offering a necessary approach to meeting societal expectations.

The main concept of the book is based on the "Risk Assessment Model," which utilizes data collected during internal monitoring, inspections, and analysis of indicators that provide a clearer and more objective view of medical services quality than standard health statistics. It also allows for the selection of data that are the most informative for the needs of the respective control. Based on the identified and collected "important" data for control, a computational model for risk assessment is applied, which monitors the selected quality indicators and assesses the level of risk for each evaluated subject. The monograph, as well as Dr. Mirazchiyski's dissertation on the topic "ASSESSMENT OF QUALITY OF MEDICAL SERVICES - AN ELEMENT OF EFFECTIVE MANAGEMENT IN UNIVERSITY HOSPITAL BURGAS AD," make a significant contribution to the theory and practical application of hospital management in Bulgaria and should be accepted as an innovative model and approach to

achieving effective hospital management, improving the quality of medical services, and increasing patient satisfaction.

The other publications are structured as follows:

1. Human Resources Management - publications 13, 14, 15, and 16 from the attached list of publications.
2. Social Medicine and Public Health - publications 3, 4, 5, and 10 from the attached list of publications.
3. Quality Management - publications 2, 6, 11, 12, and 17 from the attached list of publications.
4. Clinical Management - publications 8, 9, and 10 from the attached list of publications.

There are a total of 12 citations, with 2 of them in referenced editions and the rest in non-referenced ones, but with scientific peer review. Participation in research project Contract NIH-489/2023 "Study and application of 3D technologies in medicine."

According to the official certificate provided by the University "Prof. D-r Assen Zlatarov" in Burgas, he has consequently fulfilled all requirements and served as an assistant and chief assistant from November 3, 2020, to November 24, 2022 (as an assistant) and from November 24, 2022, to the present (as a chief assistant). He is a lecturer at the Department of Internal Medicine, Social Medicine, Physiotherapy and Rehabilitation, Medicine in Emergency Situations. He teaches Social Medicine to first-year students in the second semester of the Medicine program and to second-year students in the third semester of the same program at the Faculty of Medicine. He has co-authored 1 handbook. He actively participates in the development of the respective programs for the aforementioned specialty and in the methodology for conducting laboratory exercises in Social Medicine.

Chief Assistant Mirazchiyski, competently as a university lecturer and researcher, successfully combines teaching and scientific work with the responsibilities and due moral, ethical, and professional behavior as a manager of one of the largest university hospitals in Bulgaria.

**Recommendation:**

Chief Assistant Boyko Mirazchiyski should increase the number of independent publications and, where possible, integrate managerial responsibilities with teaching activities, thereby increasing his involvement in academic teaching.

Based on my assessments and analyses of his scientific work, teaching activities, and professional development, and according to the quantitative and qualitative criteria outlined in the Law on the Development of Academic Staff in the Republic of Bulgaria, I confidently propose to the esteemed members of the academic jury at the University "Prof. D-r Assen

Zlatarov" in Burgas to award the academic position of "Associate Professor" to Chief Assistant Boyko Georgiev Mirazchiyski.

17.05.2024

Signed:

Prof. Zlatitsa Petrova, MD, PhD