



## **REVIEW**

**BY PROFESSOR VLADIMIR GONCHEV, DM, PhD  
HEAD OF THE DEPARTMENT "INTERNAL DISEASES, SOCIAL  
MEDICINE, EMERGENCY MEDICINE, PHYSIOTHERAPY AND  
REHABILITATION", AT THE FACULTY OF MEDICINE AT THE  
UNIVERSITY "PROF. Dr. ASEN ZLATAROV" BURGAS**

Member of the scientific jury for the competition for the acquisition of the academic position "docent" in the field of higher education 7. "Health and sport", professional direction 7.4. Public Health in the scientific specialty "Social medicine and organization of health care and pharmacy", State Newspaper, № 3 / 09.01.2024

For the above-mentioned competition, documents were submitted by one candidate - chief assistant. Boyko Georgiev Mirazchiiski, MD, PhD

The documents submitted by the candidate are in accordance with the requirements for acquiring the academic position of "associate professor" in the Law on the Development of the Academic Staff in the Republic of Bulgaria , the Regulations for its implementation and the Regulations for the terms and conditions for acquiring scientific degrees and holding academic positions positions at "Prof. Dr. Asen Zlatarov" University - Burgas.

I do not find any gaps in the presented documentation.

## **Brief biographical data**

Chief Assistant Boyko Georgiev Mirazchiiski, MD, PhD graduated from Medical University of Sofia in 1993.

He has been working as a surgeon at MBAL Burgas AD since 1993. From 2006 to 2013 he was deputy director, and from 2013 to 2014 - executive director of MBAL Burgas AD. After that, the candidate's work experience passes through MBAL Burgasmed EOOD (manager, 2014-2015), Medical Center II, Burgas (as a surgeon, 2014-2015), UMBAL Burgas AD (coordinator of surgical activity, 2016-2017) .

Chief Assistant Boyko Georgiev Mirazchiiski, MD, PhD, majored in "Surgery" at Sofia Medical University. He obtained the scientific degree "doctor" professional direction 7.4. Public health in 2022 after defending a dissertation on the topic "Risk assessment of the quality of medical care - an element of effective management at UMBAL Burgas AD". In December 2020, he held the academic position of "assistant", and in 2022 - the academic position of "chief assistant", at the "Prof. Dr. Asen Zlatarov" University.

### **1. Scientific research activity**

#### **1.1. Publications**

The full list of publications attached to the documents contains a total of 25 titles:

- dissertation work and abstract on the topic "Risk assessment of the quality of medical care - an element of effective management in UMBAL - Burgas AD" and 7 scientific publications used for awarding the scientific degree "doctor";
- 14 publications and reports in peer-reviewed journals and conference proceedings, 1 publication referenced in global databases;
- 1 independent monograph, 1 book based on the dissertation and 1 textbook.

For the current competition, 17 papers, unused in previous procedures, are presented:

- 1 habilitation thesis - monograph in Bulgarian with the title "Effective hospital management based on risk assessment", 2023;

- 1 published book based on a protected dissertation work for awarding the educational and scientific degree "doctor";

- 1 scientific publication, referenced and indexed in world-renowned databases with scientific information;

- 13 publications and reports published in non-refereed journals with scientific review;

- 1 textbook in co-authorship "Guide to quality monitoring in health care and medical audit", 2022.

#### 1.2. Authorship and Citations

The candidate submits 12 citations to his publications (without self-citations):

- 2 in scientific publications, referenced and indexed in Scopus and Web of Science

- 10 in non-refereed peer-reviewed journals.

#### 1.3. Specializations

- "Upper and lower endoscopy" at Varna Medical University, 2005.

- "Management of disasters and accidents" at the Military Academy "G. S. Rakovski" Sofia, 2010

#### 1.4. Memberships in organizations

- 2009-2013 Deputy Chairman of the Burgas Region SBC

- 2015-2017 Deputy Chairman "Commission on Health Care" Burgas Municipal Council

- 2015-2017 Chairman "Commission on Assisted Reproduction"

- 2015-2017 Chairman of a group of Municipal Councillors

- 2015 to the present Member of the Board of Directors of the "Hristo Botev" Burgas

#### 1.5. Participation in scientific projects

General Assistant Dr. Boyko Georgiev Mirazchiiski, MD, PhD, is a member of the team of a research project at the University on the topic "Research and application of 3D technologies in medicine".

### **2. Profile of the research activity**

The research work of Boyko Mirazchiiski MD, PhD is mainly in the field of strategic management, clinical management and quality management.

#### 2.1. Scientific and scientific-applied contributions in the field of management and human resources management

The monographic work of the candidate is dedicated to this issue. Scientific contributions in this direction are related to the application of risk-based control as a possible solution to achieve the most effective result with optimal use of limited resources. Analyzes were made and the trends for the development of the medical staff in the city of Burgas, the flow of patients and the provision of medical specialists and employees in the clinics and departments of "UMBAL-Burgas" JSC were presented.

#### 2.2. Scientific and scientific-applied contributions in the field of social medicine and public health

An intelligent method is presented, supporting effective decision-making by detecting correlations between parameters studied annually for the analysis of bed stock in medical facilities in Bulgaria; of the medical facilities according to bed stock and patient status in the Burgas region; of patients in the wards and clinics of UMBAL Burgas AD. Of interest are the author's research on health determinants and their

influence on socio-economic factors and well-being, cultural factors, the rate of economic growth and the development of the labor market.

### 2.3. Scientific and scientific-applied contributions in the field of quality management

It expressed its own concept of effective management through risk assessment of the quality of medical care, in particular in "UMBAL - Burgas" AD. Practical recommendations are given for organizing and conducting a medical audit by evaluating the clinical pathway. A conceptual model for risk management based on risk assessment of the quality of medical care is presented. An assessment of the risk of the quality of medical care at "UMBAL - Burgas" AD was made, and for the selection of risk factors, an analysis of hospital-specific indicators was made.

### 3. Educational, teaching and scientific-organizational activity

The teaching activity of the Chief Assistant Boyko Georgiev Mirazchiiski, MD, PhD is associated with the training of students from the specialty "Medicine" in the discipline "Social Medicine". He has a full study load. He co-authored a textbook on "Guidelines for Quality Monitoring in Health Care and Medical Auditing".

Chief Assistant Boyko Georgiev Mirazchiiski, MD meets the minimum national requirements and 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", and with the requirement for 450 points, he collected 555 points.

### **Conclusion**

Based on the analysis of the scientific activity and activity, the teaching and medical activity and the scientific contributions, it is clear that the head assistant. Dr. Boyko Georgiev Mirazchiiski, PhD, is a scientist, teacher and doctor with extensive long-term experience in the field of public health care.

I believe that Chief Assistant Boyko Georgiev Mirazchiiski, MD, PhD, meets all the requirements of the RSARB, the Regulations for its implementation and the Regulations for the terms and conditions for acquiring scientific degrees and holding academic positions at the University "Prof. Dr. Asen Zlatarov" - Burgas.

I propose to the respected scientific jury that he be awarded the academic position of "associate professor" in the field of higher education 7. "Health and sport", professional direction 7.4. Public health in the scientific specialty "Social medicine and organization of Healthcare and Pharmacy", for the needs of the Faculty of Medicine at the University "Prof. Dr. Asen Zlatarov" Burgas.

09.05.2024

REVIEWER:

Professor Vladimir Gonchev, MD, PhD