

# STATEMENT

**From Assoc. Prof. NATALIA PETROVA PETROVA, Ph.D.**

*Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health of the Medical Faculty at Sofia University "St. Kliment Ohridski" - Sofia*

Appointed as an internal member of the Scientific Jury by order (№ RD 38-43/20.01.2022 ) of the Rector of Sofia University "St. Kliment Ohridski"- Sofia

**About:** Competition for the academic position of "professor" in the field of higher education 7. Health and sports in professional field 7.4. Public Health (Social Medicine), announced in the State Gazette no.96 of 19.11.2021, with candidate Assoc. Prof. Diana Krasteva Ivanova, Ph.D.

## **1. General information about the candidate**

Diana Ivanova was born in 1975 in Sofia. She graduated from the Medical University - Sofia, Medical College in 1996 with a degree in Nursing - General Profile. The candidate has completed the educational qualification degree "Bachelor" in the specialty "Social Pedagogy" and professional qualification "Teacher" at the Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health of the Medical Faculty at Sofia University "St. Kliment Ohridski" – Sofia, educational qualification degree „Master” in the specialty „Social pedagogy” and professional qualification “Teacher” Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health of the Medical Faculty at Sofia University "St. Kliment Ohridski" – Sofia, educational-qualification degree“ Master ”in the specialty“ Social pedagogy ”and professional qualification“ Master in social pedagogy, pedagogue ” at the Faculty of Primary and Preschool Pedagogy at Sofia University "St. Kliment Ohridski" – Sofia, educational-qualification degree“ Master ”in the specialty“ Preschool and primary school pedagogy ”and professional qualification“ Master in primary school pedagogy ” at the Faculty of Primary and Preschool Pedagogy at Sofia University "St. Kliment Ohridski" – Sofia.

The candidate has acquired the scientific-educational degree "Doctor" in Social Medicine and Organization of Health and Pharmacy for defensive dissertation "Organizational model for nursing care in patients with acute myocardial infarction" in 2014 at the Medical University - Sofia, Faculty of Public Health.

After passing a competition she holds the academic position of associate professor in professional field 7.4. Public health / Social medicine / at Sofia University "St. Kliment Ohridski"- Faculty of Medicine, (Certificate № CY 2014-190 / 15.12.2014) so far.

Since 1996 until 1997, Diana Ivanova worked at Tsaritsa Yoanna Hospital as a nurse. From 09.1997 until 12.05.2008 she worked at the University Hospital "Lozenets" as a nurse in the Clinic of Cardiology (Intensive Care Unit) and in the Clinic of Cardiac Surgery. From 12.05.2008 to 18.05.2010 worked as a teacher in a school. From 19.05.2010 until currently works at the Medical Faculty of Sofia University "St. Kliment Ohridski" as an assistant and associate professor of Social Medicine and Organization of Health and Pharmacy (nursing). From 2019 until present, she is deputy. Dean of the Medical Faculty of Sofia University "St. Kliment Ohridski".

The total length of service at the moment amounts to 25 years - as an associate professor in the professional field 7.4. Public Health / Social medicine / - 7 years

## **2. General description of the submitted materials in the competition**

The submitted documents for preparation of an opinion on the current competition of the candidate - Assoc. Prof. Diana Krasteva Ivanova, MD, full-time lecturer at Department of Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health of the Medical Faculty at Sofia University "St. Kliment Ohridski" - Sofia fully meets the requirements for participation in the competition for “professor” in the professional field 7.4. Public health (Social medicine).

They prove that the candidate has correctly complied with all administrative requirements in the course of the procedures related to the competition.

### **3. Scientific activity**

The scientific production of Assoc. Prof. Diana Krasteva Ivanova, MD is quite rich. She has:

#### **A. Two monographic works**

- Medico-social factors in patients with ischemic heart disease ", University Publishing House " St. Kliment Ohridski" 2021, 224, ISBN 978-954-07-5349-2;
- Organizational aspects of hospital treatment of patients with acute myocardial infarction, Central Medical Library MU-Sofia, 2020, 210p., ISBN 978-619-7491-22-7;

#### **B. Published university textbooks**

- Textbook of Nursing - Planning, preparation, and organization of research on the cardiovascular system., University Press, "St. Kliment Ohridski" 2021, 175 pages, ISBN 978-954-07-5172-6;
- Textbook of Nursing - Theoretical Aspects of Nursing Education, University Publishing House "St. Kliment Ohridski" 2021, 152 pages, ISBN 978-954-07-5308-9;
- Textbook - Technical slips for nursing care in patients with cardiovascular disease, Central Medical Library MU-Sofia, 2014, 140 pages, ISBN 978-954-9318-33-3;

#### **C. Total number of publications submitted for the competition - 39**

- *independent publications* - 26;
- *co-authored publications* (7 is the first author) -13;
- *Reports of scientific forums, congresses, and conferences* - 23.

**Dissertation on the topic:** Organizational model for nursing care in patients with acute myocardial infarction. The scientific works are in three main directions of public health - social and medical direction, organizational priorities of health care and methods of vocational training. She has published a total of 57 scientific publications, 45 reports at scientific forums, congresses, and conferences. From the reference for fulfillment of the minimum national requirements under (item 2b of the additional provisions of ADASRB for professional field 7.4. Public Health (Kinesitherapy) is found to significantly exceed the criteria set for the academic position of "Professor".

Assoc. Prof. Ivanova is a project manager at the BNSF of Sofia University "St. Kliment Ohridski" on "Determining the needs of care for patients with myocardial infarction " № 80-10-98 / 25.03.2021

Participates in a scientific jury for ONS "Doctor" in 24 procedures; for AD "Chief Assistant" 8; for AD "Associate Professor" in 13 and for AD "Professor" in 1 procedure.

Actively participates in the compilation and elaboration of the programs and the curriculum in the specialized disciplines of the specialty "Nurse", Bachelor's degree at the Medical Faculty of Sofia University "St. Kliment Ohridski".

From 2014 to the present Assoc. Prof. Ivanova, MD carries out group activities of students majoring in "Nurse", Bachelor's degree in the following areas: Practical foundations of nursing, Philosophy, and introduction to nursing; Practical basics of nursing care - Nursing care for patients with somatic diseases; Nursing care at home; Nursing care for children and adults with disabilities. A system has been developed for individual monitoring, assessment and control of the knowledge and skills of students majoring in "Nurse" during the training course in specialized disciplines - portfolio.

*Assoc. Prof. Ivanova's scientific works are in four main areas of public health:*

- A. Publications related to special nursing care for patients with cardiovascular disease (publications 1,2,3,4,8,15,19,20,30,31,33,36 and 39 of the lists of publications submitted for participation in competition).
- B. Publications related to the theoretical foundations of the training of nurses (publications 6,21,22,24,29,32 and 35 from the list of publications submitted for participation in the competition).
- C. Publications related to practical approaches to care - development of professional plans for nursing care (publications 7,9,11,13,16,18,23,26,28,34 and 37 from the list of publications submitted for participation in the competition).
- D. Publications related to educational aspects (publications 5,10,12,14,17,25,27 and 38 from the list of publications submitted for participation in the competition).

**The monograph "Organizational aspects of hospital treatment in patients with acute myocardial infarction"** presented by Assoc. Prof. Ivanova examines the organizational problems of health care in patients with acute myocardial infarction during hospital treatment. The study focused on risk factors in patients with acute myocardial infarction, concomitant diseases, and lifestyle. The organization of the hospital admission, the speed of the diagnostic process and the adequate care for the patients with acute myocardial infarction are decisive for the results of the hospital treatment. A medical and social characterization of the acute myocardial infarction and the need for urgent hospital treatment to control the life-threatening disease of the patient was made. The developed organizational model reflects the care needs of patients with acute myocardial infarction in the various stages of hospital care - emergency, intensive, preoperative, postoperative, and therapeutic care. **The monograph "Medico-social factors in patients with ischemic heart disease"** examines and analyzes the medical and social factors that are the cause of the most common disease among the Bulgarian population ischemic heart disease. The monograph is especially relevant due to the fact that the disease is the leading cause of death in our country. The pathogenesis of arteriosclerosis, the medical and social characteristics of ischemic heart disease, the possibilities for improving the condition of patients by reducing or preventing risk factors are clarified. In the own research section, the results for the morbidity are presented and analyzed. **The textbook on nursing - Planning, preparation, and organization of research on the cardiovascular system** describes the new trends in nursing in this large group of patients and fills a gap in the scientific aids aimed at health care professionals in our medical literature for the moment. The textbook reflects the most important moments of the nurse's actions in the preparation of this type of patients. The prepared technical sheets cover all the care, manipulations, activities, procedures, tests, and interventions that nurses perform for patients with cardiovascular diseases during their hospital stay. **The textbook on nursing care - Theoretical aspects of nursing education** reflects the theoretical aspects of nursing education which is aimed at acquiring knowledge and skills for professional monitoring and assessment of care needs of healthy and sick people. Changes in the training of nurses in recent years are aimed at studying the theoretical foundations of the nursing profession, which is based on conceptual models of care of a theoretical nature.

#### **4. Teaching activity:**

Diana Ivanova teaches to students at Sofia University in the specialty "Nurse" Bachelor's degree in specialized disciplines:

- Philosophy and introduction to nursing; Theoretical foundations first and second part; Nursing care for the neurologically ill;
- Nursing care for the mentally ill; Nursing care for the elderly; Nursing care for infectious patients;
- Nursing care for children and adults with disabilities; Nursing care at home.

According to the report on the workload for the last 5 years, its classroom employment is on average **516.46 hours per year**.

Assoc. Prof. Diana Ivanova is the author and holder of *four elective courses* in the specialty "Nurse" Bachelor's degree:

1. Preventive nursing care for patients with cardiovascular diseases - risk factors and a plan for nursing care;
2. Nursing care and training of stoma patients;
3. Concepts for nursing care management;
4. Nursing process management. Administration of documentation in nursing care;

**In conclusion**

The scientometric indicators of Assoc. Prof. Diana Ivanova for the current competition, shown in the table below, exceed the requirements of (ADASRB), the regulations for its application and the regulations on the terms and conditions for acquiring scientific positions at Sofia University.

Indicators by groups	Minimum national requirements "Associate Professor"	Sum of Diana Ivanova's points
Group A	50	50
Group B	-	-
Group C	100	100
Group D	200	1000
Group E	100	210
Group F	150	140
Total	600	1590

In view of the above facts, I **SUPPORT** without hesitation the choice of Assoc. Prof. Diana Krasteva Ivanova, Ph.D. and I recommend to the members of the esteemed scientific jury to vote **FOR** the election of the academic position "Professor" in the field of higher education 7. Health and sports in professional field 7.4. Public health (Social medicine).

22.02.2020

Signature:.....

/ Assoc. Prof. Nataliya Petrova, PhD /