

STATEMENT

by

Prof. Emilia Petrova Georgieva , PhD

Deputy Director of the Medical College, "Career Development, Quality and Accreditation",
Medical University "Prof. Dr. Paraskev Stoyanov" – Varna

Member of the scientific jury, pursuant to Order No. R – 109-438/05.12.2024.

About: Competition for borrowing on academic position "Associate Professor" in the specialty "Healthcare Management", professionally direction 7.4. Public Health, field of higher education 7. Healthcare and Sports for the needs of the Department of Health Care, Sliven Branch, announced in the State Gazette No. 85/08.10.2024.

1. General presentation of the procedure

The procedure for announcing the competition for the acquisition of the title of Associate Professor has been complied with. Only one candidate, Chief Assistant, submitted documents within the legal deadline. Pepa Miteva Dzhezheva, PhD. The materials provided by the candidate contain all the necessary information for evaluation, and they comply with the Regulations for the Development of the Academic Staff of the Medical University - Varna.

2. Biographical data and professional development

Chief Asst. Pepa Miteva Dzhezheva, PhD was born on September 29, 1964 in the town of Sliven. She graduated from secondary school with a degree in Nursing in 1984. In PMI - Sliven in 1994. acquired the specialty: Nurse - general profile. Graduated from the Medical University - Sofia with a bachelor's degree in Health Care in 1999. Graduating Master's degree at the Medical University - Sofia in 2006 with a specialty: Health Care, professional qualification "Health Care Manager". In 2019, he acquired the educational and scientific degree "doctor" in the specialty: "Health Care Management" - Medical University "Prof. Dr. Paraskev Stoyanov" - Varna - Sliven Branch with the title of the dissertation "Hemocontact viral infections - hepatitis B, C, AIDS - occupational risk and prevention among nurses". In 2016, he acquired a specialty "Public Health" at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

Her work experience began in 1984 as a Nurse in Nursery No. 13 - Sliven until 1997. In 1998 - 2008 she joined the Thracian University - Stara Zagora as a lecturer at the Medical College - Sliven, and in 2009 -2013 as a head nurse at the Central Hospital for Children with Disabilities - Sliven - EOOD. From September 2013 to the present she has held the following positions: assistant, chief assistant, administrative assistant at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna at the Sliven Branch, Department of "Health Care".

3. Teaching and learning activities

Chief Asst. Pepa Miteva Jejeva , PhD actively participates in leading the academic disciplines in the Department of "Health Care" at the Sliven Branch: "Philosophy and Introduction to Nursing Care", "Nursing Care for Patients with Surgical Diseases", "Nursing Care in Pediatrics", "Nursing Care for Neurological Patients", "Nursing Care for Women in Labor and Delivery and Newborns", "Nursing Care for Eye, Ear, Nose and Throat Diseases", "Nursing Care for Adults", "Nursing Care

at Home", "Nursing Care for Patients with Somatic Diseases", "Nursing Care in Resuscitation and Intensive Therapy", "Nurse Behavior in Emergency Conditions" with a total number of hours (exercises, study practice and pre-graduate internship) for 2023/2024 of 629 hours, for 2022/2023. from 665 hours, for 2021/2022 from 739 hours, for 2020/2021 from 550 hours, for 2019/2020 from 674 hours. The teaching workload fully covers the standard teaching hours for a non-habilitated lecturer accepted at the Medical University - Varna. Participates in the development and updating of curricula in the above-listed disciplines, as well as in various projects: Student Internship Project Phase 1 and 2. Participates in Program BG 07 "Public Health Initiatives", Norwegian Financial Mechanism 2009-2014. and Project "Mentoring Support for Students of Roma Origin Studying Health Majors" within the framework of the Active Citizens Bulgaria Fund.

Chief Asst. Pepa Miteva Dzhezheva , PhD , speaks and writes English and Russian. Possesses good organizational and communication skills for teamwork and working with students. Has good computer skills and skills with the programs: Office Word, Excel, Power Point etc.

4. Scientific research activity

In the contest ch. assistant Pepa Miteva Dzhezheva, PhD. has participated in a total of 10 scientific publications in Bulgarian and international journals, with 1 monograph and 1 dissertation. Of the total number of publications submitted, the candidate is the first author of 5 and in 3 of them he is the second author. The candidate indicates a total of 7 citations of his/her own scientific works (4 citations in refereed journals with scientific review and 3 citations in non-refereed journals with scientific review).

The presented monographic work "Problem-based learning - an activating educational technology in the training of nurses" thoroughly and in detail examines the possibilities for applying innovative strategies and technologies for teaching and training in the formation of critical thinking and critical reasoning skills in the professional training of nurses. It examines the pedagogical and methodological aspects of planning, organizing and conducting problem-based learning in the clinical training of nurses. It establishes that problem-based learning is considered the best approach to the clinical training of nurses for the analysis of specific problems, discussion and competent, safe and appropriate solutions. The presented models for organizing problem-based learning and for solving situational tasks and clinical cases can be adapted by other educators and used in the training of nurses.

4.1. Thematic focus and contributions of scientific works

The candidate's scientific interests are realized in purposeful and sustainable scientific development and publication activity. Thematically, the scientific works of Senior Assistant Pepa Jejeva , d.o.z. are in accordance with the professional direction of the announced competition. The scientific and research contributions are divided into four areas:

- Scientific research contributions with theoretical and cognitive significance related to the historical and pedagogical aspects of nursing education (B3, D8.4).

The concept of "regulated profession" and the normative regulation of the right to practice such a profession are defined. The concept of "competence", the relationship between knowledge,

skills and their practical application are defined. A general overview of the Qualification Characteristics of the specialty "Nursing", educational qualification degree "bachelor" at the Medical University - Varna is made. A general overview of the specificity and didactic organization of the educational process in the higher medical school is made. The presence of the patient and the anticipatory nature of practical training requires the planning, organization and implementation of the educational process to be consistent with the unpredictable conditions of real clinical practice. A historical overview of the founding and development of medical education in the city of Sliven is made. The reforms implemented in nursing education are reflected.

- Scientific research contributions of a theoretical, scientifically-applied and practically-applied nature related to innovative educational approaches in the training of nurses (B3, D7.2, D8.8).

The concept is presented on the critical thinking and development on the professional competencies on medical sisters for critical and clinical thinking by attitude on safety on the patient. Defined are the concepts critical thinking, clinical reasoning, clinical judgment. Identified are the methods on training in nursing care for improvement on the critical thinking on the students. The seven main characteristics of problem-based learning according to Burroughs and distinctive characteristics of other authors are described. Various classifications of learning problems based on didactic and psychological features are summarized. An analysis of the most commonly used problem-based learning methods has been made. Scientific and applied contributions character are related to the actions taken research and analysis on efficiency on the educational ones forms at the introduction on situational method, efficiency on the educational ones forms at the introduction his attitude on teachers and readiness them for application on the problem training, such as factor for optimization efficiency on the school process and for formation on clinical competencies at the preparation on medical sisters. The presented models for organization on problematic training and for solution on situational tasks and clinical cases can yes be adapted from others teachers and used in training on medical sisters (B3, D7.2). Outlined are the parameters on pedagogical communication teacher - student and barriers in communication related to pedagogical skills on the teacher and his/her personal features. The conducted research shows that expectations on students in the process on pedagogical communication with teachers are mainly for attitude on cooperation and partnership, the use on correct medical terminology, specialized medical information. For the teachers from big the important thing is to get on reverse connection and compliance on necessary distance (D8.8). Practical – applied contributions are the attached pedagogical model for training based on problems inclusive gradually introduction on students in complex clinical scenarios, through use on situational tasks, cases, clinical cases and tutorials activities based on problems and model for solution on situational tasks, clinical cases. A developed methodology on conducting on educational and practical occupation through problematic based training (B3, D7.2).

- Scientific and research contributions of a theoretical, cognitive and practical-applied nature aimed at occupational safety (A1, B3, D8.3, D8.6).

An analysis of the current regulatory framework concerning occupationally transmitted viral infections transmitted through blood – hepatitis B, hepatitis C and AIDS was conducted. Activities aimed at preventing these infections in healthcare facilities and a specific professional group, such as nurses and students, were studied. The organizational, psychosocial and individual risk factors of occupational exposure to blood and blood products among nurses working at the University Hospital and the General Hospital and students were studied. The occupational risk and prevention of hemocontact viral infections hepatitis B, C and AIDS among nurses working at the University Hospital and the General Hospital and students were assessed. Contributions of a practical and applied nature have been developed and tested in medical practice: "Program for the prevention of the risk of blood-borne viral infections" aimed primarily at the organizational determinants of occupational risk and the institutional safety culture and "Model for occupational risk and prevention of blood-borne viral infections hepatitis B, C and AIDS" - developed in the form of a visual tool, with the aim of easier perception and wider accessibility, to achieve prevention through awareness. A curriculum has been developed for the elective subject "Prevention of blood-borne viral infections hepatitis B, C and AIDS" (A1). A technical sheet has been developed for selective coronary angiography (SCAG) – a healthcare algorithm for patient preparation and recovery.

- Scientific research contributions with theoretical - cognitive nature related to health promotion, health education and contemporary aspects of health care (A1, D7.1, D8.1, D8.2, D8.5, D8.6, D8.7).

The main goals in comprehensive patient education have been identified, each of which covers a separate phase of healthcare - health promotion and disease prevention; restoration of health and coping with impaired functions. The self-assessment of knowledge, skills and practical habits of patients with diabetes mellitus related to dietary planning, specific diet and training needs was studied and analyzed. The problems of patients with diabetes mellitus related to dietary management were identified. The difficulties in daily activities of patients who have experienced a stroke and their needs for long-term care during the recovery period to regain their independence were studied and analyzed. The level of awareness of patients about the causes, nature, treatment, risk of relapse and the need for health education was studied. An organizational model for patient health education by the nurse is proposed, including seven activities , which there is essential a contribution of a practical and applied nature.

The candidate's scientific output in the four areas is original and contributing, distinguished by the results of research conducted during the training of students in the "Nursing" specialty in a real environment.

Conclusion

The documents presented by the Chief Asst. Pepa Miteva Dzhezheva , PhD , as a candidate for participation in a competition for the acquisition of the academic position of "associate professor", fully meet the volume and content of the requirements of the Act on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its application at the Medical University - Varna. The assessment of the candidate's scientific production and educational activities shows: compliance with the scientometric requirements (with a required 400 points, she

received 432 points); contribution of the presented scientific works; results with scientific and practical value and educational workload.

To what has been stated so far, I would add my personal impressions of the chief asst. Pepa Dzhedzheva, PhD, who define her as a responsible, loyal, responsive colleague and a competent, creative teacher, respected by colleagues and students.

I give a POSITIVE EVALUATION and have reason to propose to the esteemed Scientific Jury to vote positively for the election of Chief Asst. Pepa Miteva Dzhedzheva, PhD for the academic position of "Associate Professor" in "Health Care Management", field of higher education 7. Health and Sports, professional field 7.4. Public Health for the needs of the Department of "Health Care" Sliven Branch of MU - Varna.

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Prepared the opinion:.....
(Prof. Emilia Georgieva, PhD)

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