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STATEMENT

by Assoc. Prof. Dr. Rositsa Tsvetanova Dimova, MD

Department of Health Management and Health Economics,

Faculty of Public Health, Medical University - Plovdiv

Member of the scientific jury, according to order №P-109-399 / 20.09.2021.

of the Rector of the Medical University - Varna

Subject: procedure for holding the academic position of "Associate Professor" in the field of higher education 7. Health and Sports, professional field 7.1 Medicine, specialty "General Medicine" - for the needs of the Department of "General Medicine" by competition in SG no. 61 / 23.07.2021

Candidate for the competition: Chief Assistant Dr. Zhenya Ruseva Petrova, MD

I. Biographical data and career profile of the candidate

Dr. Zhenya Ruseva Petrova, MD was born in the town of Karnobat. In 1999 graduated with a Master's degree in Medicine at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna, and in 2009. acquires the specialty "Physical and Rehabilitation Medicine".

She successfully defended her dissertation on the topic: "Possibilities of physical factors to influence children with tonsillar hypertrophy and symptoms of night breathing disorders" and acquired ONS "Doctor" (2017). In 2018 acquires a specialty in General Medicine.

Dr. Zhenya Ruseva Petrova has passed qualification courses for postgraduate training in prolotherapy and neural therapy.

Her professional path and career first go through CSMP as a resident doctor, and since 2009. in the Medical Center "St. Marina", where she works as a specialist in Physical and Rehabilitation Medicine and continues to this day. Her research and teaching activities date back to 2011. as an assistant at the Management Board of General Medicine at the Department of General Medicine and Clinical Laboratory, and in 2019 after a competition she was appointed chief assistant. Participates in the practical training of students majoring in "Medicine", "Organization and care of the patient" - specialty "Health Management" - Bachelor, State undergraduate internship "General Medicine", specialists "General Medicine".

II. Evaluation of the evidence presented by the candidate for the overall academic development

The list and all necessary and certified copies of official documents, as well as copies of full-text publications and abstracts of the monograph, were provided to me in electronic form, according to LDASRB and the Regulations for implementation of LDASRB, as well as the Regulations "Prof. Dr. Paraskev Stoyanov" - Varna. Dr. Zhenya Ruseva Petrova, MD, presented a total of 27 scientific work. 15 of them are evidentiary material in the reference for fulfillment of the minimum requirements for borrowing of AD "Associate Professor", according to Art. LDASRB from 2018. 2 publications were also presented, apart from the evidence for fulfillment of the minimum requirements for borrowing of AD "Associate Professor".

Their distribution in the scientometric aspect is as follows:

- dissertation - 1;
- habilitation thesis (monograph) - 1;

Full-text articles: 25 pcs.

related to the dissertation - 3; for chief assistant - 7; for associate professor - 15, of which:

- in scientific publications, referenced and indexed in world-famous databases with scientific information: 11 pcs .;

- in unreferenced journals with scientific review: 4 pcs.

The quantitative analysis of the scientific publications of Chief Assistant Zhenya Ruseva Petrova, MD shows that they meet the national scientometric criteria for holding the academic position of "Associate Professor" in the field of higher education 7. Health and Sports.

Qualitative characteristics of the scientific activity

The research work and the main scientific contributions of Dr. Zhenya Ruseva Petrova are focused on the following four main areas:

1. Adenotonsillar hypertrophy in childhood and related symptoms - treatment options with physical therapy
2. Prevention and treatment through the methods of physical therapy of patients with disc disease
3. Patients with rheumatic diseases in WMD - Diagnostic and therapeutic challenges
4. Various common clinical problems in WMD

Of great importance for the practice is the original complex physiotherapeutic program developed by the author with polarized polychromatic incoherent low-energy light and ultrasound for use in children with adenotonsillar hypertrophy, symptoms of nocturnal breathing, nocturnal enuresis and diurnal behavioral symptoms.

The developments related to the implementation of specific programs with included physical factors in the complex treatment of patients with disc disease also have a practical application. The results of the author's clinical experience show unequivocally the good response of the pain syndrome in these patients, as well as the improvement of their quality of life indicators.

Of considerable scientific interest for general medical practice are the developments related to the most common rheumatic problems in patients: rheumatoid arthritis and osteoarthritis.

Much of the research is devoted to clinical problems and difficult patients in general medical practice, and in particular to specific childhood health conditions related to nutrition and obesity problems, in children with hyperactivity, the most common congenital abnormalities of the urinary system, primary amenorrhea, acute cholecystitis, etc.

Dr. Zhenya Ruseva has participated as an independent author or co-author in a number of national and international scientific forums (14 in total) focusing on important topics related to public health.

IV. Evaluation of the monographic work or equivalent publications submitted for participation in the competition for "ASSOCIATE PROFESSOR"

The monographic work on the topic: "Improving the quality of life of patients with disc disease through the means of physical therapy" by Dr. Zhenya Ruseva Petrova, reflects the impact of cervical and lumbar disc herniation of the spine on the quality of life in patients and reflects current and significant medical and social problem.

The prevention, diagnosis and conservative non-drug treatment of disc disease are presented comprehensively and in a structured way, with rich evidence and presenting its own results and conclusions. The scientific research proves to increase the quality of life in the studied group of patients with lumbar disc herniation by applying modern methods of physical therapy and kinesitherapy. Various standardized and internationally validated tools were used for this purpose, such as: the EQ-5D questionnaire, the Roland-Morris disability questionnaire, the disability index for the performance of Oswestry's day-to-day activities - for functional status; the short form with 36 questions - about the general state of health.

Significant theoretical knowledge in this field, practical experience and research work allow the author to present a critical analysis, algorithm and recommendations for disease management through the means of physical medicine and prevention. The monographic work is a kind of timely reflection of the world experience in the prevention, diagnosis and treatment of disc disease and presents original results with high scientific and practical clinical value.

V. Reflection (citation) of the candidate's publications in the national literature

The competition documents are accompanied by an academic reference prepared in the Library of MU-Varna, based on information provided by the author and automated information from international scientific databases: Google Scholar, Research Gate, ORCID, Researcher ID and eLibrary. Citations are presented in scientific journals, referenced and indexed in world-famous databases with scientific information (2 pcs.), In monographs with scientific review (1 pc.) And in unreferenced journals with scientific peer-review (4 pcs.) Total number 7 pcs.

VI. Complex, qualitative assessment of the teaching-methodical and teaching activity, incl. administrative activity.

From the documents and administrative reference presented to me, it is evident that Dr. Zhenya Ruseva has 10 years of teaching experience at the Medical University - Varna. Participates in the teaching of: "General Medicine" of students majoring in "Medicine" BEO, and in the discipline "Organization and care of the patient" of students majoring in "Health Management".

VII. Recommendation

To continue her active scientific-teaching activity and to expand her publishing activity by popularizing its experience and the results of the conducted research studies in the scientific and world-famous international databases.

VIII. Conclusion

According to the Regulations for development of the academic staff of the Medical University - Varna, the presented scientific and journalistic activity fully covers the minimum scientometric requirements for the candidate for the academic position of "Associate Professor" in higher education 7. Health and Sports, Professional 7.1 Medicine.

Based on the analysis of the overall scientific and teaching activity and its compliance with the requirements of the Law on the Development of the Academic Staff of the Republic of Bulgaria, I have reason to vote "positive" and propose to the Honorable Jury to award the academic position "Associate Professor". higher education 7. Healthcare and sports, professional field 7.1. Medicine, in the scientific specialty "General Medicine" - for the needs of the Department of "General Medicine".

24.10.2021

Plovdiv city



Assoc. Prof. Dr. Rositsa Dimova, MD, PhD