

To  
The Chairman of the Scientific Committee,  
Determined by Order № R - 1745/12.10.2020  
of the Rector of Medical University –Plovdiv

On your Protocol №1 / from .....  
(date of the first meeting)



**Attached I present:** Opinion  
on a competition for the academic position of "Associate Professor"  
in the scientific specialty Health Care Management  
announced for the needs of MU-Plovdiv, Department of Obstetrics  
in SG, issue 60 / 07.07.2020

**Prepared the opinion:** Assoc. Prof. Deliana Hadzhideleva, PhD  
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For participation in the competition, the documents of only one candidate have been submitted - Milena Gancheva Sandeva, PhD - Chief Assistant Professor at the Department of Obstetrics, Medical University - Plovdiv.

### **I. Analysis of the candidate's career profile**

Chief Assist. Prof. Milena Sandeva was born in 1980 in the town of Kazanlak. She graduated from the Medical College at the Medical University of Plovdiv with a degree in Midwifery in 1998. She obtained a bachelor's degree in Health Care Management from the Faculty of Public Health, Medical University of Sofia in 2008, and in 2011 a master degree in the same specialty. She holds a certificate for a recognized specialty in "Public Health" since 2017. In 2019 she was awarded a "PhD" in the doctoral program Health Care Management at MU - Plovdiv for the defense of a dissertation on the topic: "Frequency, medical and social aspects of preterm birth".

Her work experience began in 2003 as a midwife at the Department of Neonatology and Pathological Pregnancy of the Obstetrics and Gynecology Clinic at the University Hospital "St. George" in Plovdiv, later at the Maternity Hospital. From 2005 to 2015 she was a senior midwife at the Maternity Hospital in the same hospital (University Hospital - Plovdiv).

Milena Sandeva started her academic career in 2015 as an assistant professor at the Department of Obstetric Care, Faculty of Public Health at the Medical University - Plovdiv. From December 2019 until now she is a chief assistant professor at the same department and at the simulation training center of MU - Plovdiv.



Cheif Assistant Professor Sandeva speaks English and Russian. She has participated in various forms of continuing education and qualification courses. She is a member of the European Public Health Association, the Bulgarian Society of Obstetrics and Gynecology - Midwives Section, the Bulgarian Association of Health Care Professionals and the Bulgarian Scientific Society of Public Health.

## **II. General description of the materials submitted for the competition**

The materials submitted for the competition fully comply with the Regulations for holding academic positions in MU - Plovdiv from the Regulations for the structure and activity of MU - Plovdiv and Law for the development of the academic staff and the Regulations for its implementation in the Republic of Bulgaria.

## **III. Evaluation of the candidate's scientific work for the overall academic development**

### *✓ General characteristics of the scientific production and the publishing activity:*

Cheif Assist. Prof. Sandeva participated in the competition with a total of 17 full-text publications, 8 of which she was the first author. Of these, 11 (two are in print) are referenced and indexed in a global database (Scopus,). 6 articles have been published in non-peer-reviewed journals. Four of all publications are presented for the dissertation.

The candidate presents a separate monograph on the topic: Socio-demographic, economic and behavioral factors influencing premature births.

She is a co-author of the developed textbook "Special care for women with gynecological diseases".

### *✓ Scientific activity - dissemination and application of the scientific and practical achievements of the candidate among the scientific community*

The presented by Cheif Assist. Prof. Milena Sandeva research shows that she has focused her research mainly on:

Medical and socially significant diseases in obstetric care; Medico-social aspects of preterm birth; Effectiveness and advantages of simulation training in medicine; Exogenous poisons, oxidative stress and enzymatic antioxidants; Influence of reproductive factors on the development of non-small cell lung cancer.

Participation in 27 scientific forums shows the commitment and professional interests of the candidate.

### *✓ Participation in the implementation and management of projects*

Cheif Assist. Prof. M. Sandeva has participated in two research projects:

1. Project "Center for Family Planning and Reproductive Health of Children and Adolescents 10-19 years" under the program BG 07 "Public Health Initiatives" funded by the Norwegian Financial Mechanism of the European Economic Area 2009-2014

2. Project "Student Internships" - Phase 2 Project BG05M20P001 -2.013-0001 of the Ministry of Education and Science; funded by OP NOIR, educational project 2014-2020

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

The monographic work on the topic: "Socio-demographic, economic and behavioral factors influencing premature births" is devoted to a topical issue related to the prevention of preterm birth. Milena Sandeva analyzes these factors and proves that they are directly related to women's health and are important predictors of preterm birth. Early identification and correction of behavioral, general medical and infectious risk factors and the identification of women at high risk of PTR will contribute to the reduction of premature births. Inadequate and / or missing prenatal care also lead to a multiple increase in the risk of premature birth. It is necessary to change the model of prenatal care in order to detect and cover the risk groups early. In this sense, the monograph has a practical application.

#### **V. Reflection (citation) of the candidate's publications in the national and foreign literature (publication image).**

Evidence for the significance of the scientific work of Chief Assistant Professor Sandeva is a reference for the citations of her publications - a total of 9 citations. Of them:

- in scientific foreign publications with IF - 4, without IF - 1 citations.
- in monographs and collective volumes with scientific review - 1 citation
- in unrefereed foreign journals with scientific peer-review - 3 citations

#### **VI. Complex, qualitative assessment of the teaching-methodical and teaching activity, incl. scientific guidance of students, doctoral students, postgraduates.**

Her training includes participation in lectures, UPZ and practical classes, the main of which are: Special care in obstetrics, Philosophy and introduction to nursing and midwifery care, as the total average workload for the last three years is 677.5 hours, which significantly exceeds the requirements for the study load of a non-habilitated lecturer. Chief Assist. Prof. Milena Sandeva participates in the training of trainees and specialists with seminars and practical classes at the Medical Simulation Training Center.

#### **VII. Critical remarks and recommendations**

I recommend to Chief Assist. Prof. Milena Sandeva to continue her scientific activity and to publish the results of her scientific research in journals with impact factor, which will increase their scientific value.

#### **VIII. General assessment of the candidate's compliance with the mandatory conditions and the mandatory quantitative criteria and scientometric indicators according to Regulations for holding academic positions at MU-Plovdiv in "Regulations for holding academic positions" Associate Professor "and" Evaluation Criteria "**

According to the regulations of MU-Plovdiv Chief Assistant Professor Milena Gancheva Sandeva fully meets the mandatory quantitative scientometric criteria noted below.

*Minimum requirements by group of indicators for the academic position "Associate Professor"*


<b>Group of indicators</b>	<b>Associate Professor</b>	<b>Candidate Cheif Assistant Professor M. Sandeva, PhD</b>
<b>A</b>	<b>50</b>	<b>50 p.</b>
<b>B</b>	<b>-</b>	<b>-</b>
<b>C</b>	<b>100</b>	<b>100 p.</b>
<b>D</b>	<b>200</b>	<b>282.5 p.</b>
<b>E</b>	<b>50</b>	<b>85 p.</b>
<b>F</b>	<b>-</b>	<b>120 p.</b>

**IX. Conclusion**

After I got acquainted in detail with the documentation provided to me and made a comprehensive assessment of the research and teaching activities of Cheif Assistant Professor Milena Sandeva and according to the Regulation for holding academic positions in MU - Plovdiv and "Evaluation Criteria" of the Rules for the structure and activity of MU - Plovdiv, I believe that the candidate fully meets the mandatory conditions and mandatory scientometric criteria for holding the academic position "Associate Professor".

I give my positive assessment and suggest to the esteemed scientific committee to award Cheif Assistant Professor Milena Gancheva Sandeva the academic position "Associate Professor" in "Health Care Management", field of higher education 7. Health and Sports, professional field 7.4 Public Health at the Department of Obstetrics.

09.11.2020 r

Prepared the opinion:   
Assoc. Prof. D. Hadzhideleva, PhD