TO THE CHAIRMAN OF THE SCIENTIFIC JURY

PROF. DR. EMIL KOVACHEV, MD

DETERMINED BY ORDER

No. P-109-236/26.07.2024 OF THE RECTOR OF

MEDICAL UNIVERSITY

"PROF. DR. PARASKEV STOYANOV" - VARNA,

#### Statement

by Assoc. Dr. Maria Angelova dm,

head of the Department of Obstetrics and Gynecology at the Faculty of Medicine at Thrace University

Subject: Competition for the academic position "associate professor/docent" in the field of higher education in the specialty "Obstetrics and gynecology", professional direction 7.1. Medicine, field of higher education 7. Health care and sports, with candidate chief assistant.

Dr. Zhivko Stoyanov Zhekov, MD

One candidate participated in the announced competition - chief assistant. Dr. Zhivko Stoyanov Zhekov, MD . The candidate has precisely submitted all necessary documents for participation in the competition, corresponding to the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Rules for its Application and the Rules for the Development of the Academic Staff of the University of Medicine - Varna.

On the basis of order P-109-269/05.08.2024 of the Rector of the Medical University - Varna and Protocol 1 of the Chairman of the Scientific Jury, according to the procedure for occupying the academic position "associate professor" in the specialty "Obstetrics and Gynecology" I have been appointed to prepare an opinion.

Presentation of the procedure and the PhD student

The presented set of materials on paper/electronic media is in accordance with the Regulations of the University of Varna and includes the following documents:

- Application to the Rector of MU-Varna for participation in the competition
- a creative CV in European format with the applicant's signature
- a reference to the occupied academic positions
- academic reference for study load
- diplomas for higher education and for the specialty "Obstetrics and Gynecology",

- declaration of originality and authenticity of the attached documents
- other documents related to the course of the procedure

The documents are prepared according to the requirements of the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Rules for its Application, as well as the Rules for the Terms and Conditions for Acquiring an Academic Position at the Medical University - Varna.

The submitted documents for the procedure are in full compliance with the requirements and are perfectly arranged.

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

Dr. Zhivko Stoyanov Zhekov, MD was born on 26.10.1961, Silistra. He graduated from the specialty "Medicine" in 1987. at Medical University "Prof. Dr. P. Stoyanov" - town Varna. In the period 1990-1993, he was a specialist in obstetrics and gynecology at the Department of Obstetrics and Gynecology, MU Varna. EDS "Doctor" acquired in 2021 after a successfully defended dissertation on the topic "Modern methods of artificial abortion in obstetrics and gynecology

practice'. From 2016 to the present, he has been working at SBAGAL-Varna, as the Head of the Gynecology Department, and is the chief assistant at the Medical University-Varna. He has various specializations in Bulgaria and abroad in the field of endoscopic gynecological surgery.

In 2021, he acquired the EDS "Doctor" in the scientific specialty "Obstetrics and Gynecology", Diploma No. 438 dated 20.05.2021 of the University of Varna;

He is fluent in English and Russian, in writing and in speaking. His main professional interests are in the field of operative gynecology.

### General description of the submitted materials for the competition

The candidate has submitted all documents for the position of Associate Professor in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Rules for its Application and the Rules for the Development of the Academic Staff at the Medical University-Varna. The competition materials provide the necessary information in full to carry out a quantitative and qualitative assessment of the overall academic development of Dr. Zhivko Stoyanov Zhekov, MD

# II. Evaluation of the scientific works of the candidate for the overall academic development

The overall scientific production of Dr. Zhivko Stoyanov Zhekov, dm., is of considerable volume and diversity in terms of scientific issues. It includes a total of titles, of which: 1 dissertation (not reviewed), 1 Habilitation Thesis (with separate contribution protocol attached);, 20 publications (5 publications referenced and indexed only by Scopus and Webofscience; 15 publications in non-referenced peer-reviewed journals or published in

edited collective volumes). His publications are in authoritative international and Bulgarian magazines:

The contributions of the scientific works are in the main directions of his research activity:

Dr. Zhivko Stoyanov Zhekov's publications cover a wide range of topics, based on interests in conservative and operative gynecology, organization of activities in the gynecological structure, activities of the Abortion Committee for medical indications, the prevention and treatment of gynecological diseases of different etiology. The publications presented cover the period 2018-2024, which includes 6 active research years. In the presented publications, their scientific-practical-applied nature related to the application of a medical abortion scheme, the evaluation of the effectiveness and efficiency of the medicinal application of the medicinal schemes and the reduction of pain and discomfort when taking drugs for medical abortion is noticeable. Research in the field of conservative and operative gynecology contributes to the understanding of the mechanisms of application of conservative and operative methods in gynecology and development of therapeutic methods of application and treatment. The publications reflect the current trends in gynecological hospitals and the possibilities for dealing with unwanted drug interactions and effects when performing an abortion on request or on medical indications.

The contributions of the presented scientific publications by thematic direction are:

- I. Organization, conditions and conduct of abortion in hospital settings
- 1. Organization of abortion activities our and world experience

Dr. Zhekov's long-term practice influences his scientific interests in the field of termination of pregnancy, as well as possible complications. The author places emphasis on researching the organization and conditions for performing an abortion. The etiological causes and types of abortion methods, our and world experience are discussed in detail. A comparison was made of the means and methods of abortion (surgical and medical). In-depth analysis shows analytical thinking, handling scientific data and formulating conclusions of a practical-applied nature for clinical activity.

Endometrial carcinoma (EC) has been found to be associated with an increased risk of cardiovascular disease, including atrial fibrillation (AF), in a large clinical trial. A direct relationship between increased weight and AF was found - women with EC who were obese (body mass index (BMI)  $\geq$  30 kg/m2) and younger (age  $\leq$  60) were more likely to develop AF.

Based on the obtained statistical data, the need for the introduction of the new European methods and algorithm for prophylaxis and prevention in the development of cervical carcinoma (liquid-based Pap smear, HPV typing and double staining for p16 and Ki67) is confirmed for the Bulgarian population.

## II. Comprehensive, qualitative evaluation of the teaching-methodical and teaching activities

Dr. Zhivko Stoyanov Zhekov has been an assistant since 2017. until 2021, at the Department of Obstetrics and Gynecology, Medical University "Prof. Dr. Paraskev Stoyanov" - Varna, and from 2021 until now he is the main assistant. He is involved in the postgraduate training

of specialists in the specialty "Obstetrics and Gynecology". He is a member of examination committees for semester and state examinations in "Obstetrics and gynecology" for the acquisition of the OC "master" in the specialty "Medicine". His average study load for the last two years is significantly high.

## III. General assessment of the applicant's compliance with the mandatory conditions and the mandatory quantitative criteria and scientometric indicators

The volume of the presented scientific production of Dr. Zhivko Stoyanov Zhekov, PhD, corresponds to the requirements of the MU - Varna for holding the academic position "Associate Professor".

Group of indicators	Contents	MU-Varna criteria	Dr. Zhivko Stoyanov Zhekov, PhD
А	Indicator 1	50	50
Б	Indicator 2		-
В	Indicator 3 or 4	100	100
Γ	Sum of indicators from 5 to 9	200	252.25
Д	Sum of indicators from 10 to 12	100	130
Е	Sum of indicators from 13 to 22	60	-
Ж	Study load	100	••
	Academic position	200	-
	ОБЩО		532.25

### IV. Conclusion

Dr. Zhivko Stoyanov Zhekov, MD, has significant professional experience in the field of obstetrics and gynecology as a doctor and a teacher. His works have significant contributions based on many years of practical and research activity. His scientific production and the submitted documents meet the requirements of the RASRB and the Regulations of the Medical University - Varna, therefore I recommend to the honorable Scientific Jury to award Dr. Zhivko Stoyanov Zhekov, MD, the academic position of "Associate Professor" in the scientific specialty "Obstetrics and Gynecology", area of higher education 7. Health care and sports by professional direction 7.1 Medicine.

20. 08. 2024 y.			
statement:			
Stara Zagora town			

Prepared the

Assoc. Dr. Maria Angelova dm

Заличено на основание чл. 5, §1, б. "В" от Регламент (ЕС) 2016/679