

Review

by

prof. Dr. Ivo Petrov, MD, PhD

Head of the Cardiology, Angiology and Electrophysiology Clinic at the University Hospital

Acibadem City Clinic Cardiovascular Center

elected as a member of the Scientific Jury by Order No11-03-956#2/ 11.11.2022 of the Manager and Procurator of the Hospital "Acibadem City Clinic, University Hospital" EOOD, under a procedure

to hold a competition for the election of the

academic position "Associate Professor"

for the needs of the Cardiology Clinic of "Acibadem City Clinic University Hospital" within 6 (six) months of its announcement in the State Gazette, issue 60/29.07.2022 Scientific organization:

Acibadem City Clinic, University Hospital EOOD Professional field 7.1. Medicine

Only candidate: **Dr. Zoran Jovan Stankov, MD, PhD**

I. Qualification and professional path

Dr. Zoran Stankov was born in 1982 in the Republic of North Macedonia. In 2007 he graduated with a degree in Medicine at the Medical University of Sofia. From 2009 to 2012, Dr. Stankov worked as a doctor in the Cardiology Department at the University Hospital - Tokuda, Sofia, and since 2012 he has been working consecutively as a doctor (until 2014), and then as a cardiology specialist at the Department of Invasive Cardiology at the Cardiology Clinic of Acibadem City Clinic, University Hospital. From 01/2021, Dr. Stankov is the Head of the Interventional Cardiology Department at the Cardiology Clinic of Acibadem City Clinic University Hospital, where he works to date. Dr. Stankov acquired specialties in cardiology in 2015, angiology in 2020, and also has certificates in interventional cardiology since 2016 and health management from 2021.

In 2022 he acquires a degree - Doctor of Science in Cardiology with defended dissertation on the topic: *Endovascular treatment in type "A" and type "B" aortic dissection*.

Dr. Stankov is a member of: Bulgarian Medical Association, Bulgarian Society of Cardiology, European Society of Cardiology, Bulgarian Society of Interventional Cardiology and Bulgarian Society of Endovascular Therapy of which he is co-chairman, since this year. Dr. Stankov has passed

numerous training courses at home and abroad. He actively participates as a lecturer at a number of international scientific congresses and conferences.

In conclusion, Dr. Stankov is a professional physician with excellent theoretical training, broad general culture, rich erudition and clinical practice in the field of invasive and non-invasive cardiology. He has acquired many additional qualifications and has proven his place as a leading expert in the field of cardiology.

II. Teaching activities:

A report on the workload of Dr. Zoran Stankov for the period 01.01.2019 - 31.12.2021 is presented. As a part-time assistant in the Medical Faculty of Sofia University "Saint Kliment Ohridski", "Department of Internal Medicine, Pharmacology and Clinical Pharmacology, Pediatrics, Epidemiology, Infectious and Skin Diseases" for the academic years 2019/2020, 2020/2021 and 2021/2022. Dr. Stankov had **60 hours** of auditorium availability for 2019/2020, **150 hours** availability for 2020/2021 and **90 hours** academic activity for 2021/2022 with medical students IV course in the cycle "Cardiology", field "Internal Medicine".

In the period 2019-2021, Dr. Stankov has a teaching activity of 150 hours per year with postgraduates in cardiology - a total of 300 equivalent hours of lectures and seminars at Acibadem City Clinic, University Hospital - Sofia.

III. Evaluation of quantitative and qualitative indicators of the candidate:

Dr. Zoran Stankov has presented a written reference for compliance and implementation of the minimum national requirements (MNR) for the academic position "Associate Professor", including publications, citations and research activities:

- Dissertation for the award of the PhD in Medicine
- „Endovascular treatment of aortic dissection type A and type B” **group. A = 50 points (MNR 50 points)**
- Habilitation — scientific publications (min. 10) in editions that are referenced and indexed in world-famous databases of scientific information (SCOPUS and WEB OF SCIENCE): **group B = 115 points (MNR 100 points)**
- Publications and reports in foreign and Bulgarian editions, referenced and indexed in world-famous databases with scientific information (SCOPUS and WEB OF SCIENCE): **group G7 = 203 points**

- Publications and reports in non-refereed journals with scientific review or in edited collective volumes: **group G8 = 51.83 points**
- Published chapters from collective monographies: **group G9 = 34 points,**

Total number of points in group G = 288.83 points (MNR - 200 points)

- Citations in monographs and collective volumes with scientific reviews: **group D11 = 50 points.**

Total number of points in group D = 50 points (MNR — 50 points)

Total number of points from indicators A, B, G and D = 503.83 points (MNR — 400 points)

Total IF, calculated on the basis of the official report submitted by the CML of MU-Sofia is 113,28.

The quality of the submitted publications fully meets the academic requirements.

IV. Main scientific contributions:

The research and practical activities of Dr. Zoran Stankov are focused in several directions, which can be grouped with the relevant and most important contributions.

1 . Endovascular treatment of aortic pathologies:

- For the first time in Bulgaria, he conducted a study on the endovascular treatment of aortic dissection type A and type B in a large group of patients (a total of 70) with clinical and CT follow-up at 1, 3, 6 and 12 months.
- An active participant in the world's first fully endovascular treatment of aortic dissection Stanford type A.

2. Endovascular treatment of structural heart pathologies:

- Participates in the development and implementation of a minimalist and precise approach for TAVI in Bulgaria.
- He actively participated in the interventional team that performed the implantation of the first MitraClip in Bulgaria.
- Conducted many successful TAVI procedures with a fully percutaneous access.
- Analysis of the safety and effectiveness of polymer-free coronary stents in patients with stable angina and a high risk of bleeding when taking dual antiplatelet therapy.
- Application of an innovative method for renal denervation of distal segments and branches of the renal artery with brachial access in patients with resistant hypertension.

- Analysis of the methods for treatment and monitoring of the early and late results of the published for the first time in Bulgaria endovascular treatment of patients with Takayasu arteritis.

3. Complex endovascular interventions:

- Publications and numerous reports on interventional treatment of complex coronary interventions that are of a significant scientifically applied nature.
- Participation in a team, performing percutaneous pulmonary arterial thrombectomy of patients with Covid-19 infection and massive PE with the application of an individualized therapeutic approach.
- Analysis of methods for the diagnosis and treatment of basilar artery occlusion with the development of a specific nosocomial protocol for behavior in this potentially life-threatening condition.

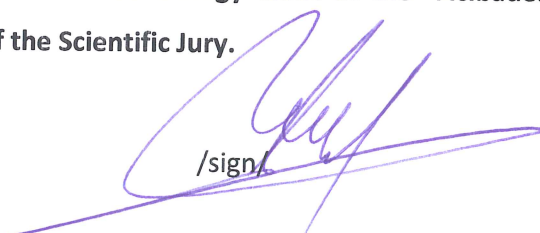
The main contributions of Dr. Zoran Stankov are in the field of endovascular treatment of complex structural defects. In particular, he has made a particularly major scientific and practical contribution to the field of endovascular treatment of aortic dissection Stanford type A and type B. Much of his scientific work is precisely in this area, which correlates with his enviable experience in the field. He conducted the first in Bulgaria and one of the few studies in the world for endoprosthetics in aortic dissection.

V. Conclusion

The candidate Dr. Zoran Jovan Stankov, MD, PhD fully meets the requirements of The Law on the Development of the Academic Staff in the Republic of Bulgaria, the Rules for the Implementation of the Law on Combating Organized Crime and the Rules for the Development of the Academic Staff at Acibadem City Clinic, University Hospital EOOD.

In conclusion, on the basis of the presented scientometric indicators, the whole scientific, social and teaching activity of Dr. Stankov, I vote positively and recommend on the selection of Dr. Zoran Jovan Stankov, MD, PhD for the academic "Associate Professor" in the scientific specialty "Cardiology" for the needs at the Cardiology Clinic at the "Acibadem City Clinic UMBAL" from the respected members of the Scientific Jury.

Sofia,
01.12.2022g.


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I. Petrov