

OPINION

on

Prof. Dr. Vassil Yordanov Chervenkov, PhD

"ACIBADEM CITY CLINIC UMBAL TOKUDA", EAD, SOFIA

Internal member of the Scientific Jury, according to Order No. 15-03-60-1/13.02.2024.

Regarding: Announced competition for the academic position "Associate Professor" in the scientific specialty "Orthopaedics and Traumatology" for the needs of the Orthopedics and Traumatology Clinic of "Acibadem City Clinic UMBAL Tokuda" EAD - Sofia. Field of higher education 7. "Health and Sports", professional direction 7.1 "Medicine" and scientific specialty "Orthopaedics and Traumatology", publ. in the State Gazette no. 104/15.12.2023

Dr. Adelin Georgiev Ivanov, PhD, was admitted to the competition.

All necessary documents for participation in the competition have been submitted and are fully compliant with the requirements of the Law on the Development of the Academic Staff of the Republic of Bulgaria and the Regulations for its implementation. The required diplomas, certificates, lists and copies of scientific publications, references for citations, for completed educational and teaching activities, as well as references for the occupation of the academic position "Chief Assistant" are available.

I. Brief introduction of the candidate

Dr. Adeline Ivanov, PhD, was born in 1962. He completed his medical education in 1989 at MU-Stara Zagora. He acquired a specialty in Orthopedics and Traumatology in 1996. In 2005, he graduated as a master in the specialty "Public Health and Health Management" at the Medical University of Sofia.

In 2021, he defended a dissertation on the topic: "Free-hand" technique for placement of pedicle screws in the surgical treatment of idiopathic scoliosis in childhood" at "Acibadem City Clinic UMBAL Tokuda", with which he obtained the scientific and educational degree "PhD".

Since 2006, Dr. Adeline Ivanov has been working as a doctor in "Acibadem City Clinic UMBAL Tokuda" EAD, Sofia, in the "Orthopaedics and Traumatology" Clinic.

II. Scientific works and educational and teaching activities

Dr. Adeline Ivanov presents in this competition:

- monograph on the topic: "Neuromuscular scoliosis - features in development, planning and operative treatment";

- 14 written scientific works and 10 participations in scientific forums. The presented works have not been used in participation in previous competitions.

The total number of publications in full text is 15 - Independent monograph: 1 (habilitation thesis), 14 Bulgarian publications, of which 4 are independent and 1 is the first author. The total number of citations (not presented in previous contests) from the submitted reference of the CMB to the Sofia University and from Scopus, Web of Knowledge, Google Scholar databases are 14, of which 5 are in monographs. All citations are in Bulgaria. With the required 400 points to fulfill the national minimum criteria for occupying the academic position "Associate Professor", Dr. Adeline Ivanov, PhD, presents fulfilled 459 points.

The scientific research and practical-applied activities of Dr. Adelin Ivanov are aimed at the following main directions in orthopedic surgery:

- o Introduction and development of Free-hand operative technique for placement of pedicle screws;
- o Methodology for evaluating the positioning of pedicle screws and protocols for verification;
- o Operative techniques for the treatment of scoliosis in childhood;
- o Development and improvement of approaches in the planning and operative treatment of neuromuscular scoliosis;
- o Implementation and validation of mini-invasive surgery for corrections of the forefoot;
- o Introduction of intraoperative neuromonitoring during surgical treatment of scoliosis (idiopathic and neuromuscular) in childhood.

In his scientific and practical activity, Dr. Adeline Ivanov made the following more important contributions:

- Achieved results from the application of the "Free-hand" technique in the surgical treatment of idiopathic scoliosis, comparable to the results reported in the specialized literature.
- Original screw position verification protocol introduced and tested with good effect.
- For the first time in Bulgaria, a systematic approach is presented in the diagnosis, evaluation and stages and features of planning and operative treatment of children with scoliosis based on neuromuscular diseases.
- An extensive overview of the treatment options for children with neuromuscular scoliosis (NMS) was presented to the specialists of the health network.
- Tracked and validated the possibilities of using Intraoperative Neuromonitoring (INM) in the operative treatment of children with NMS.
- Introduction and confirmation in the surgical practice of Ponte Osteotomies in cases of pronounced and rigid curvatures in childhood scoliosis

- Introduced and validated technique for mini-invasive surgery for the correction of deformities in the forefoot.

Dr. Adelin Ivanov, PhD, held the academic position of "Chief assistant" at the Department of Orthopedics and Traumatology, Faculty of Medicine, and is currently a part-time assistant at Sofia University "Kliment Ohridski", Faculty of Medicine. Conducts practical classes for students, trainee doctors and specialists in orthopedics and traumatology.


Conclusion

All procedures for the announcement of the competition and the admission of the candidate to participate in the competition have been followed. From the presented facts, it is clear that the scientific creativity and academic commitment of Dr. Adelin Ivanov, PhD, meet both quantitatively and qualitatively the modern criteria for the academic position "Associate Professor" in terms of all the parameters laid down in the ZRASRB and the Regulations for its application in "Acibadem City Clinic UMBAL Tokuda" EAD, Sofia.

The described contributions of an original and applied nature demonstrate high qualifications, practical experience and deep theoretical knowledge in many areas of the specialty of Orthopedics and Traumatology.

I give a positive assessment to Dr. Adeline Ivanov, PhD, candidate in the current competition and I recommend to the honorable members of the Scientific Jury to evaluate the overall scientific production and educational and teaching activities of Dr. Adelin Georgiev Ivanov, PhD, and to vote positively for the occupation of the academic position "Associate Professor" for the needs of the Orthopedics and Traumatology Clinic of "Acibadem City Clinic UMBAL Tokuda" Sofia - higher education field 7. "Health and Sports", professional direction 7.1 "Medicine" and scientific specialty "Orthopaedics and Traumatology".

11.03.2024.

Prepared the opinion:.....

(Prof. Dr. V.Chervenkov, PhD)