

Opinion

By Prof. Krasimir Minkin, MD
Department of Neurosurgery,
Faculty of Medicine, Medical University - Sofia

Regarding

Dr. Toma Yuriev Spiriev, MD
Procedure for „Associate Professor at the Department of Neurosurgery,
At "ADJIBADEM CITY CLINIC UMBAL TOKUDA" EAD
announced in the Journal of the State No. 47 of 04.06.2024.

One candidate submitted documents, which was approved by the eligibility committee.

Biographical data

Dr. Toma Spiriev was born on 25.11.1984. He completed his secondary education at the 9th French High School in 2003. He graduated in "Medicine" at the Medical University of Sofia in 2009, being awarded the "Prof. Asen Zlatarov" for high achievements in medical science. Dr. Spiriev received a specialty of Neurosurgery in 2015. In 2018, he successfully passed the exam of the European Association of Neurosurgery and received the Braakman Award for the highest score. In 2019, the candidate received his medical doctor degree with his work "Preoperative 3D planning and 3D simulation of neurosurgical accesses in cranial surgical interventions" under the scientific supervision of Prof. Hristo Tsekov. Dr. Spiriev works as a neurosurgeon at the Department of Neurosurgery, "Adjibadem City Clinic UMBAL Tokuda Hospital", Sofia and as a part-time assistant in anatomy at the Department of "Anatomy, Histology, Pathoanatomy and Forensic Medicine" at the Faculty of Medicine, Sofia University, Lozenets Hospital.

Scientific research activity

Dr. Toma Spiriev presents 32 publications (minimum requirements: 25). The candidate is the first author in 12 articles, 10 of which have an impact factor. This fact demonstrates significant individual scientific production and ability to write articles that may overcome serious selection.

Twenty-five articles have an impact factor (minimum requirements: 4). The main scientific contributions of Dr. Spiriev are in the field of neuroanatomy and neurosurgical approaches (15 articles), vascular neurosurgery (2 articles) and the genetics of brain tumors (2 articles). Dr. Spiriev's articles have been cited 612 times in international journals. and 7 in Bulgarian, making him one of the most cited Bulgarian neurosurgical authors. His scientific production was evaluated at 9598 points.

The dissertation work of Dr. Toma Spiriev is dedicated to the preoperative 3D planning of cranial neurosurgical accesses using free software (Horos), which allows a wide application of the method. As a continuation of this work and in accordance with the candidate's anatomical interests is the creation of a three-dimensional photorealistic atlas of neuroanatomy and neurosurgery. This project is not only with international participation, but also has a global contribution to the development of neurosurgery in the conditions of evolving computer technologies and three-dimensional visualization methods.

Teaching and learning activity

Dr. Toma Spiriev has 261 hours as teacher for the academic years 2021/2022 and 2023/2024 according to the report presented by the Faculty of Medicine of the University of St. Kliment Ohridski", Sofia. The candidate has won a project for the scientific research fund of the University of Sofia "St. KLIMENT OHRIDSKI" for students' teaching with three-dimensional photorealistic dissection models presented through virtual and augmented reality. Dr. Spiriev not only created a 3D neurosurgical atlas, but also promoted it in various neurological and neurosurgical forums.

Conclusion

The presented biographical, scientific and teaching data of Dr. Toma Spiriev correspond to and exceed the requirements for the development of the academic staff of "ADJIBADEM CITY CLINIC UMBAL TOKUDA" JSC, Sofia.

My recommendation is Dr. Toma Spiriev to take the academic position of "associate professor".

21.09.2024



Prof. Krasimir Minkin, MD