

To
The chairman of the scientific committee,
determined by Order...N P-109-180/03.06.2020r.
of the President of the Medical University
Varna

OPINION

For the academic position of Associate professor in Healthcare and sports in professional field 7.1. Medicine and scientific specialty "Medical radiology and radiology (incl. Use of radioactive isotopes)" for the needs of the Department of Imaging Diagnostics and Radiation Therapy of MU - Varna, announced in SG No. 8 / 28.01.2020

Candidate Dr. Marin Boykov Penkov, MD

Head of Radiology Clinic, University Hospital "St. Ivan Rilski Sofia" EAD - Sofia city

Member of the jury Prof. Dr. Nikola Nikolov Vladov, MD, with a scientific specialty "Surgery", Head of the Clinic of Biliary, Pancreatic Surgery and Transplantation, Military Medical Academy- Sofia, Sofia,

1. General characteristics of the research and scientific-applied activity of the candidate.

Dr. Marin Penkov, MD was born on December 3, 1977 in Sofia. He graduated in 2003 from the Medical University of Sofia. In 2009 he was awarded the specialty "Radiology" (Imaging). After successfully defending his Phd in 2018, he was awarded the educational and scientific degree "Doctor" (Phd). Dr. M. Penkov Phd started working in 2004 at UMHAT Lozenets, as a trainee-radiologist. From 2009 until now Dr. Penkov works at the University Hospital "St. Ivan Rilski", Sofia.

Since 2012 he has been working as an assistant radiologist at the Department of Imaging Diagnostics at the Medical University of Sofia. Over the years until now he has been a consultant to various hospitals in Sofia and the country

Dr. Penkov is a prominent specialist in the field of neuroradiology, in particular pediatric neuroradiology and gastroenterology. Holding two European diplomas in the subspecialties

"Neuroradiology" (EDiNR054-2015) and "Pediatric Neuroradiology" (EDiPNR016-2019) from the European Society of Neuroradiology (ESNR)

In 2014 Dr. Penkov won a European project for "Creation of an innovative methodology for research in the field of neurocognitive science and theoretical and practical foundations of" Neuroeconomics and Neuromarketing "

Dr. Penkov is a recognized specialist of national importance in neuroradiology with over 50,000 examinations over 16 years. He is a member of the European Association of Radiology - ESR, a member of the European Association of Neuroradiology ESNR, a member of the European Association of Gastro-radiology ESGAR, a member of the Bulgarian Association of Radiology. He speaks German, English and Russian.

2. Assessment of the pedagogical preparation and activity of the candidate.

To participate in this competition, Dr. Penkov presents 37 scientific papers, which are distributed as follows:

- 1 Scientific publications in publications that are referenced and indexed in world databases with scientific information - 11
2. Publications and reports published in scientific journals, referenced and indexed in world databases with scientific information - 11
3. Publications and reports published in non-refereed journals with scientific review or published in edited collective volumes -11

Dr. Penkov took an active part in writing 2 monographs, 2 textbooks and manuals. Unlike publications and congresses, this type of scientific production more fully expresses the teaching talents and skills and should have priority in the overall assessment of the candidate for associate professor. What unites all these works is their depth, scientific and practical relevance and the recognized contributions they bring. The latter is also expressed in the number of publications abroad, the large number of citations and the high impact factor for Bulgaria.

Dr. Marin Penkov, MD has presented reports on a very intensive and diverse teaching activity. He has an extremely high study load from 2012 until now - only for the academic year 2019-2020 his study load is 200 hours, which is significantly above the norm approved by MU-Varna. His teaching activity includes full lecture courses in Imaging Diagnostics in both Bulgarian and English for English-speaking medical students.

Dr. Penkov has participated and is participating in the development of materials related to classroom and extracurricular teaching. He is also an active participant in the periodic updates of the Imaging Standard.

In addition to working directly with students at MU Sofia, Dr. Penkov conducts postgraduate courses in imaging diagnostics at MU Sofia; reads selected lectures in the main course for postgraduate qualification in imaging diagnostics of the Department of Lung Diseases and Ophthalmology at MU Sofia, conducts courses and individual trainings in the subspecialties Neuroradiology and Pediatric Neuroradiology.

By order of the Minister of Health № RD-01-113 / 01.04.2019 he was appointed a member of the expert council in Radiology at the Ministry of Health

Dr. Penkov is a regular speaker in the training panels of the National Congresses of BAR, as well as before national congresses of the Society of Pediatrics and the Society of Gastroenterology, the Society of Neurology, the Society of Rheumatology, Regular participant with a training panel dedicated to various aspects of imaging at the forums of the International Organization of Surgeons, Gastroenterologists and Oncologists (IASGO). In 2016 he was a guest lecturer at a training session of the European Association of Neurosurgery EANS "Course for Tumors", with a lecture "Modern Imaging of CNS tumors". Dr. Penkov has repeatedly been a guest on television and radio programs dedicated to current issues of diagnostic imaging and healthcare. He is the winner of the award "Best Doctors" for 2011 and 2015 on Darik Radio and the award "Doctor Who Bulgarians Trust" 2019.

4. Significance of contributions to science and practice.

In the publications presented by Dr. Marin Penkov, the participation in textbooks and monographs outlines several main areas. A significant share is devoted to diseases of the nervous system and the problems facing the Imaging Diagnostic in patients with diseases requiring surgical treatment. The series of papers dedicated to oncology within the traditional conferences "MOPE", where Dr. Penkov is a member of the National Board of Experts. The documents developed at these interdisciplinary consensus conferences are of a national nature and importance due to the evidence-based behavioral recommendations developed for a specific cancer and the emphasis on good practice.

Dr. Penkov is the author and co-author of articles on diagnostics, incl. interventional, of CNS diseases, diseases of the colon, diseases of the lungs, diseases of the liver and pancreas. The unique descriptions of the exceptional also have a contributing character Rare Neurological

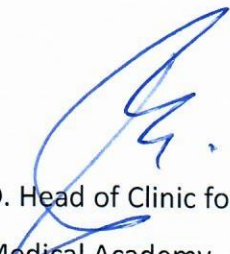
Diseases in Children - PRESS, Creatine Congenital Deficiency Syndrome in Children, and Participation in the Detection of CREBBP Deno Mutation in Patients with Rubinstein-Taybi Syndrome Dr. Penkov Phd. has a significant contribution to the research and application of both diagnostic and therapeutic endovascular neurointerventional procedures.

For the first time in Bulgaria Dr. Penkov introduces in clinical practice the functional magnetic resonance diagnostics, as part of the preoperative preparation of the imaging diagnostics of patients with forthcoming neurosurgical operations. Another part of the contributions related to neuroradiological research.

The application of perfusion and diffusion techniques for magnetic resonance imaging in the diagnosis of glial brain tumors, as well as for differentiation of low- and high-grade tumors by means of MR spectroscopy is an indisputable contribution to Bulgarian medicine. Although less important, the reporting of isolated rare cases in the field of neuroradiology also contributes.

CONCLUSION

Based on the above, I believe that Dr. Marin Boykov Penkov, MD Phd meets the scientometric criteria and indicators for holding the academic position "Associate Professor", defined by the Regulations for the development of the academic staff of MU Varna. Dr. Marin Boykov Penkov, MD Phd has the necessary qualities and scientific output, he is also a distinguished lecturer, researcher and specialist - imaging diagnostician from practice and this gives me reason to give my positive vote and offer the honored members of the determined by order of the President of MU Varna scientific jury to approve of the academic position "Associate Professor" in the field of "Health and Sports" in professional field 7.1. "Medicine" and scientific specialty "Medical Radiology and Radiology" (including the use of radioactive isotopes) for the needs of the Department of Imaging and Radiation Therapy of the MU-Varna Dr. Marin Boykov Penkov, MD.PhD


Prof. Dr. Nikola Nikolov Vladov, Ph.D. Head of Clinic for
HPB and liver transplant surgery, Military Medical Academy , Sofia,