

Attention to:

- **the Chairman of the Jury,**
as per Order No №15-03-60-1/13.02.2024.,
 - **the Executive Director and the Procurator**
of “Acibadem City Clinic UMBAL Tokuda” EAD, Sofia
- Re: Your Protocol no. 49, dated 01.11.2023

Herewith, I attach: Statement

Re: Competition announced for the academic position of
“Associate Professor in Orthopaedics and Traumatology”
for the needs of the Orthopaedics and Traumatology Unit at “Acibadem City Clinic UMBAL Tokuda”
EAD, Sofia, published in State gazette no. 104/15.12.2023r.r..

Referee: Associate Professor, d-r Nikolay Dimitrov, PhD

Scientific area: Orthopaedics and Traumatology

Institution: Medical University Sofia

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The statement is set forth by the Law on the Development of the Academic Staff of the Republic of Bulgaria (LDASRB) and Part III /Part IV of the Regulations for its Implementation (RILDASRB).– Conditions and Procedure for occupying the academic position "Associate Professor" / "Professor"

STATEMENT

From Associate Professor, d-r Nikolay Dimitrov, PhD
Orthopaedics and Traumatology Department,
Faculty of Medicine,
Medical University – Sofia,
Specialized Orthopaedic University Hospital „ Prof.B.Boychev“
– Sofia

Regarding the Competition announced for the academic position of “Associate Professor in Orthopaedics and Traumatology” for the needs of the Orthopaedics and Traumatology Unit at “Acibadem City Clinic UMBAL Tokuda” EAD, Sofia.

At a meeting, held on 1 November 2023 of the Scientific Council of "Acibadem City Clinic UMBAL Tokuda" EAD - Sofia (Protocol No. 49 of 01.11.2023) and as per Order no. №15-03-60-1/13.02.2024r. signed by the Executive Director and the Procurator of “Acibadem City Clinic UMBAL Tokuda” EAD, Sofia, I have been designated as a member of the Scientific Jury for the procedure of occupying the academic position of “Associate Professor”, Higher education’s subject 7. “Health and Sport”, field 7.1 „Medicine” and scientific area „Orthopaedics and Traumatology”, published in State gazette no. 104/15.12.2023r.

With reference to Art. 56 (Part III) and Art. 61 (Part IV) to the Regulation on the Development of the Academic Staff of „Acibadem City Clinic UMBAL Tokuda ” EAD, the Scientific Jury has assigned me with the task to prepare a statement.

The Statement is prepared in compliance with the legal requirements set forth by the Law on the Development of the Academic Staff of the Republic of Bulgaria and the Regulations on the conditions and procedures for occupying academic positions at “Acibadem City Clinic UMBAL Tokuda” EAD, Sofia. Only one candidate has been admitted by the

Acceptance committee for participation in the competition, namely d-r Adelin Georgiev Ivanov, PhD.

The candidate graduated at the Medical University, Stara Zagora, in 1989 and completed his specialisation in Orthopaedics and Traumatology in 1996. In 2021, he acquired PhD degree, scientific area "General Surgery", "General and special surgery" Department, at Acibadem City Clinic MBAL Tokuda EAD. The topic of his dissertation was **"Free-hand" technique for placement of pedicle screws in the surgical treatment of idiopathic scoliosis in childhood"**.

Dr. Ivanov started his career at the University Hospital, Faculty of Medicine, Trakia University, in Stara Zagora (1990 - 2006). During the above-mentioned period, he worked as a doctor in the Orthopaedics and Traumatology Department, as well as the Head of the Operating Unit.

After that, he has been working as a medical doctor at "Acibadem City Clinic MBAL Tokuda" EAD, Sofia, in the "Orthopaedics and Traumatology" Unit.

Since 2019, he has been working as assistant at assistant at the Faculty of Medicine; "Kliment Ohridski" University of Sofia.

In 2024, d-r A.Ivanov published a monograph on the topic: **"Neuromuscular scoliosis - features in development, planning and operative treatment"**

He speaks fluently French and Russian languages, and has several specializations at University Hospital "A.Paré", Mons, Belgium, in Ascona, Switzerland, etc.

D-r Ivanov is a member of the Bulgarian Orthopedics and Trauma Association (BOTA), Bulgarian Medical Association (BMA), Bulgarian Association of the Spine Surgeons (BASS), etc.

SCIENTIFIC PRODUCTION

Pursuing to the requirements of the Law and Regulations for the Development of the Academic Staff in the Republic of Bulgaria Dr. Adelin Ivanov, PhD, has submitted for participation in the competition the following: - List and available copies of scientific publications in national and foreign journals, reports and summaries from participation in international and national conferences, symposia and congresses – a total of 15 titles (fifteen scientific papers), out of which - one monograph and one dissertation abstract.

15, out of the presented total number of scientific works, are published after acquiring the academic degree and there are including one monograph and 14 publications in scientific

journals - 2 of them are international journals and 12 in Bulgarian ones. The total number of citations is 14 , all in Bulgaria, and 5 are in in monographs.

The presented works, publications, citations and other scientific activities fully meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria in the field of Higher education's subject 7. "Health and Sport", field 7.1 „Medicine” and scientific area „Orthopaedics and Traumatology”, for the academic position "Assistant Professor".

The scientific interest and innovative contributions of the candidate cover several areas of orthopedics, but primarily concern the surgical treatment of scoliosis.

All scientific works present the candidate's own scientific research and scientific, and practical conclusions.

Scientific contributions of the author, which has been published for the first time and in the area of :

1. Introduction and development of "Free-hand" operative technique for placement of pedicle screws;
2. Methodology for evaluating the positioning of pedicle screws and protocols for verification;
3. Development and improvement of planning and operative treatment of neuromuscular scoliosis;
4. Introduction of intraoperative neuromonitoring in surgical treatment of scoliosis (idiopathic and neuromuscular) in childhood.

Almost all of these innovative treatment methods were applied for the first time in Bulgaria.

I can underline the following achievements of the scientific production of dr. A. Ivanov, PhD, which have an important value:

1. An original protocol for verification of the screw position in the surgical treatment of scoliosis was introduced and tested;
2. The features and risk groups for the development of problematic spinal deformities in children with NMS are presented;
3. An overview of the treatment options for children with neuromuscular scoliosis (NMS) and the possibilities of using Intraoperative Neuromonitoring (INM) in surgical treatment of children with NMS are introduced to the health specialists.

In my opinion and as per the Conditions and procedure for occupying academic degrees and positions (LDASRB/2018) and the Regulation on the Development of the Academic Staff Acibadem City Clinic UMBAL "Tokuda" EAD, d-r Adelin Ivanov fulfills the minimum requirements for occupying the academic position "Associate Professor" at Academic Staff Acibadem City Clinic UMBAL "Tokuda" EAD.

Conclusion:

The analysis of all the administratively required documentation, presented scientific works, their quantitative and qualitative analysis as scientific production and their compliance with the requirements of the Law, give me the reason to vote "positively" and

I propose to the honorable members of the Scientific Jury and the Scientific committee of Acibadem City Clinic UMBAL "Tokuda" to vote positively for the candidate who submitted all the necessary documentation as per the announced competition (State Gazette no. 104/15.12.2023r.) for the occupation of the academic position "Associate Professor", for the needs of the Orthopaedics and Traumatology Unit of Acibadem City Clinic UMBAL "Tokuda" Sofia - region of higher education 7. "Healthcare and Sports", field 7.1 "Medicine" and scientific area "Orthopaedics and Traumatology", namely - Dr. Adelin Georgiev Ivanov, PhD.

10.03.2024r

Associate Professor. N. Dimitrov, MD, PhD

