

Review

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Subject: Competition for the academic position "Professor" – 1 place in the Scientific specialty "Pediatric dental medicine", for the needs of the Department of „Pediatric dental medicine" at FDM, University of Varna, based on Ordinance of the Rector of MU-Varna P-109-561/ 04.12.2020.

The competition is held in accordance with the Act on the Development of Academic Staff in the Republic of Bulgaria, its Provisions, and the Rules for the Development of Academic Staff at the University of Varna. The competition was announced in the State Journal, issue 85 from 06.10.2020. The documents of the candidate have been prepared and submitted according to the requirements of the University of Varna.

Candidates:

Assoc. Prof. Radosveta Stoyanova Andreeva – Borissova, MD, PhD, DSc

Biographical data and career development

Assoc.prof. Radosveta Andreeva, MD, was born on February 17, 1972 in Dobrich. In 1991 she graduated from Geo Milev Language School in Dobrich. In 1997 she graduated from Dental Medicine University in Plovdiv. Since 2009 she has been a honorary assistant professor in the Department of Conservative Dental Medicine at the Faculty of Dental Medicine of the Medical University of Varna, and since 2011 she has held a full-time assistant position in the Department at the Faculty of Dental Medicine in Varna. In 2012 she acquired a specialty in Pediatric Dental Medicine. In 2015 she graduated with a Master's degree in Health Management from the Faculty of Public Health at MU-Varna. In 2016 d-r Andreeva defends the dissertation on the subject: "Premature loss of temporary teeth in children with mixed teeth. Need for Space Maintainers" and acquires educational and scientific degree "Doctor". Since March 2016 she specializes Orthodontics at the Medical University of Varna. In the same year after a competition, she held an academic position "Associate Professor" and became head of the Department of "Pediatric Dental Medicine". In 2018 she defended his dissertation for "Doctor of Sciences" - Complex dental treatment of children under general anesthesia. From May 2018 to December 2020 Dr. Radosveta Andreeva is vice-dean of the Faculty of Dental Medicine.

She has over 23 years of service in the specialty, including 4 years and 8 months as a dentist at the General Hospital of Shumen, 9 years and 5 months as a dentist at private practice and 9 years in FDM-Varna.

Evaluation of research

The overall research work of Dr. Andreeva is in the field of the announced competition.

□ Dissertation of scientific degree "Doctor" - Premature Loss of Primary Teeth of Children with Mixed Dentition. Need of Space Maintainers - in the dissertation is given an algorithm for their complex prophylaxis and treatment.

□ Dissertation for Doctor of Sciences– Complex dental treatment of children under general anesthesia – examines the possibilities for controlling behavior and pain in dental treatment in childhood. Dental treatment in childhood, accompanied by pain or unpleasant mental or violent experiences, can lead to fear, anxiety and avoidance of treatment including in adulthood. This inevitably leads to the search for new options for behavioral control and pain management in dental treatment in childhood. The treatment of children under the condition of physical constraint is unacceptable, especially if it is possible to avoid it, by using general anesthesia. The aim of dissertation is to examine children undergoing dental treatment under general anesthesia, by specifying the reasons for this approach and by providing an algorithm for dental treatment of children.

□ Monograph "Risk profile and prevention of children with prematurely extracted temporary teeth. Complex treatment – therapeutic and orthodontic aspects" 2016, Publishing House of Mu-Varna with a volume of 129 pages and ISBN 978-619-7137-91-0

The monograph presents a systematic and detailed study of the problems associated with premature loss of Primary teeth. Dr. Andreeva examines methodically possible risk factors that lead to tooth loss in temporary and early mixed dentition. It presents a modern diagnostic methods for determining their topography, its own epidemiological and clinical studies in this area, as well as an algorithm for behavior in the presence of prematurely extracted teeth. It also presents treatment protocols for individual cases of missing single or group of teeth.

□ Monograph "Pharmacologically influencing the behavior of children with specific health needs in need of dental treatment" 2020, Publishing House of Mu-Varna with a volume of 167 pages and ISBN 978-619-7486-05-6

Considers the possibility of helping children with specific health needs in need of dental treatment. The detailed study of epidemiology, demographic characteristics, dental, hygiene, periodontal and orthodontic status of children with specific health needs are necessary to determine the goals for timely prevention and optimization of dental treatment of these children. The clinical characteristics of the main groups of diseases, the assessment of risk factors and the satisfaction of full oral rehabilitation under general anesthesia enrich knowledge in connection with the healing approach to this difficult contingent of patients. Prophylactic of carious lesions and periodontal diseases requires the creation of individual prophylactic programs based on a precise, individual risk assessment for each child studied. The algorithm created for the treatment of children with specific health needs under general anesthesia makes it easier for dental doctors to choose the right clinical solutions.

Original contributions from scientific papers

The main thematic strands in the scientific works of Assoc. prof. Andreeva covers three areas:

1) Dental treatment in children with special needs

Children with specific health needs have a number of medical, mental, social or nutrition problems, which is why daily oral care is difficult and often negligible.

2. Treatment of children with injuries - two publications reflect the possibilities for recovery after trauma.

3. Miscellaneous-evaluation accuracy of paraclinical studies, influence of behavioral factors in general diseases, tinnitus and temporomandibular diseases, restoration of vocal characteristics, initial effects of orthodontic treatment, administration of glassionomers.

Assessment of the teaching activity

Since 2009 and until now Assoc. Prof. Andreeva conducts exercises with students in the following disciplines: Propaedeutic and Clinic of pediatric dental medicine; dental prevention of Bulgarian and English-speaking students.

The report on the workload reveals that it was above the norm of 90 hours in all the years of her teaching, which is evidence of the high workload and serious teaching activity of the candidate as a university lecturer in student education. Dr. Andreeva leads and actively participates in practical and theoretical exams in these disciplines.

A reference from a PhD-school shows that Assoc. prof. Andreeva is the scientific leader of four PhD students, all defended their thesis in 2018.

Scientific forums

Documents shows that dr. Andreeva had participation in 20 national scientific forums and 15 international forums for the period 2010-2020.

Conclusion

The submitted from Assoc. Prof. Dr. Andreeva documents for participation in the competition meet the requirements and procedures for obtaining scientific degrees for academic positions. Sufficiently actually published full-text publications are presented. She has defended dissertation for doctor of sciences and she has enough work experience as an associate professor, 4 defended doctoral students. Her study load is above the regulations. I believe that Assoc. Prof. Dr. Radosveta Andreeva meets academic and scientometric criteria for holding the academic position of "professor" at the Medical University of Varna.

Varna, 27 January 2021

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