

**TO:  
THE MEMBERS OF THE SCIENTIFIC JURY  
DETERMINED WITH ORDER  
№ P- 109-563/04.12.2020 AND ORDER  
№ P - 109-591/ 18.12.2020 OF THE RECTOR  
OF THE MU-VARNA,  
PROF. DR. VALENTIN IGNATOV, PhD**

**I present an attached: STANDPOINT for the procedure for holding the academic position "Associate Professor" Degree in the "Pediatric dentistry" specialty, in the University Education Area 7. Healthcare and Sport, in the professional direction 7.2. Dental medicine, for the needs of the Department of Pediatric Dental Medicine at the FDM, MU - Varna, with a decision of the Faculty Council - protocol № 31/26.11.2020, № 32/17.12.2020 and order № P-109-563/04.12.2020, № P - 109-591/18.12.2020 of the Rector of MU-Varna and announced in the State Gazette, issue 86 of 06.10.2020 - for one academic position "Associate Professor" with one candidate.**

**Candidate for participation in the competition is:**

**Ch. Assistant Dr. Dobrinka Mitkova Damyanova, PhD, Chief Assistant at the Department of Pediatric Dentistry at the FDM of MU - Varna.**

**Opinion prepared by: Assoc. Prof. Dr. Ivan Lulchev Chenchev, PhD**

Medical University - Plovdiv, Department of Oral Surgery, Head of CDI at the RIMU - Plovdiv, external member of the Scientific Jury according to the order of the Rector of MU-Varna № P-109-563/04.12.2020, № P - 109-591/18.12.2020 for conducting the competition and according to a decision of the same with protocol № 1 from 17.12.2020.

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The presented review is in accordance with Chapter III, Section III of the Law on development of the academic staff in the Republic of Bulgaria from 2018, Chapter III, Section III of the Regulations for its implementation and in accordance with the Rules for application of the LDASRB of MU – Varna from 2018 – conditions and procedure for holding the academic position "Associate Professor", area 7. Healthcare and sports, professional field 7.2. Dental Medicine.

## **I. General presentation of the materials on the procedure for "Associate Professor" academic position**

Dr. Dobrinka Mitkova Damyanova, PhD has submitted for review well-arranged and well-formed documents with evidence for participation in a competition for the academic position of "Associate Professor" according to the requirements of LDASRB and the Regulations for its application of MU - Varna.

## **II. Analysis of the career profile of the applicant:**

Dr. Dobrinka Mitkova Damyanova, PhD was born on February 15, 1973 in the city of Vidin. In 1997 she completed her higher education as "Master of Dental Medicine" at the FDM, MU - Sofia.

Dr. Dobrinka Damyanova began her career in 1997 at the Polyclinic - Dimovo, successively working at the Central Transport Polyclinic - Sofia, the Regional consumer union - Vidin etc. In 2007 she started her own practice.

Since 2008 she has been an assistant at the Department of Pediatric Dental Medicine, FDM, MU - Varna, and in 2018 she was elected Chief Assistant at the same department.

In 2004 she acquired the specialty "General dental medicine", and in 2014 the specialty "Pediatric Dentistry".

In 2017, after successfully defending a dissertation on topic: "Prevention and treatment of initial dental caries with fluoride varnishes in children aged 3 to 6 years", she acquired the scientific degree "PhD".

From 2018 until today she's been holding the position of "Chief Assistant" in the same department.

## **III. Quality criteria for assessment:**

### ***1. Research activity***

Dr. Dobrinka Mitkova Damyanova, PhD has obtained the scientific degree "PhD." in "Pediatric Dental Medicine".

Dr. Dobrinka Mitkova Damyanova participates in the current competition with a list of 13 titles. She is an independent author of a monograph titled "Invasive treatment of irreversible pulpitis of primary teeth" presented as a habilitation thesis "Varna, Medical Publishing House MU-Varna, 2020 - ISBN 978-619-221-255-1.

- Out of the 13 scientific publications produced, she is the first author of 13 of them.
  - 3 are Abstract peer-reviewed journals with scientific review in Scopus and Web of Science.
  - 3 are articles in peer-reviewed journals with scientific review in Scopus and Web of Science.
  - 7 are in unrefereed journals with scientific review.
- Dr. Dobrinka Damyanova has had 10 participations in scientific forums, of which:

- 9 in international scientific forums
    - 9 reports / posters
  - 1 in scientific forums in our country
    - 1 report / poster
- Dr. Dobrinka Damyanova has had 12 positive citations:
- Citations and/or reviews in scientific journals, peer – reviewed and indexed in world-famous databases with scientific information - 3
  - Citations or reviews in non - peer - reviewed journals with scientific peer – review - 9

## ***2. Main thematic areas in scientific research activity***

The presented scientific works and the results of the research work are thematically divided into the following scientific directions:

- Invasive treatment of irreversible pulpitis of primary teeth;
- Cariesology - diagnosis and treatment of cavitated carious lesions;
- Prevention and non-invasive treatment of noncavitated carious lesions;
- Varia.

In the dissertation, Dr. Damyanova studies and evaluates the effectiveness of the mineralizing varnish Clinpro White Varnish with TCP after non-invasive treatment of caries of primary teeth and creates a non-operative preventive treatment approach. In this paper, Dr. Damyanova found that the application of Clinpro™ White Varnish is effective in preventing enamel demineralization, as a method for non-invasive treatment of primary teeth and is effective in reducing demineralization in the subsurface layer and in improving the remineralization of the surface and subsurface enamel layer.

The main part of and in the research activity of Dr. Dobrinka Damyanova is the presented habilitation work (monograph). The monographic work is a systematic and scientific study, which presents in detail the pathology of caries without the presence of cavitation, clinical complications and the related to initial pulp-dentin reactions. The new treatment concept regarding the diagnosis and selection of treatment methods for non-cavitated and cavitated dental caries is taken into consideration. New solutions are proposed, based on the morphological changes in tooth enamel in the occurrence of carious lesions, based on the new definition of caries in recent years, new classifications, new diagnostic approaches, as well as new tools and methods of application. The advantages and disadvantages of the main endodontic methods of biological treatment for primary teeth are compared. An important point in the diagnosis, determining the need for treatment, the choice of treatment method and means is to determine the nature of the carious process and to distinguish among active, stationary and regressed carious lesions.

In the presented scientific announcements and reports Dr. Dobrinka Damyanova considers a number of fundamental and clinical aspects, such as the development of an in vitro model of de- and remineralization with etching gel (i-Gel) and with mineralization varnish - Clinpro™ White Varnish with Tricalcium Phosphate, evaluation of the effectiveness of non-invasive treatment of dental caries, as an element of a program for prevention of dental caries in primary teeth, risk assessment of some of the risk factors (saliva and oral hygiene), etc.

### ***3. Evaluation of training and teaching activities***

Dr. Dobrinka Damyanova conducts exercises for students and interns in the "Dental Medicine" specialty in Bulgarian and English.

#### *Student training:*

During the last three academic years the study load includes:

- 890 hours of exercises with dental students in Bulgarian and English (average 296 hours per year).

#### *Training of interns:*

During the last three academic years the study load includes:

- 404 hours of practical classes with interns in the "Pediatric Dentistry" specialty in Bulgarian and English (average 135 hours per year).

The study employment of Dr. Damyanova is above the norm of 360 hours throughout the period.

### ***4. Evaluation of the diagnostic and treatment activity***

The medical - diagnostic activity of Dr. Dobrinka Damyanova, PhD is complex and covers the main areas in the field of Pediatric dentistry – diagnosis, treatment and prevention. The extensive many-years practice (over 23 years) as a dentist, with a degree in Pediatric dentistry and General dentistry, together with research experience, give me reason to assume that Dr. Damyanova, PhD is among the experienced specialists in our country in the field of Pediatric dentistry.

### ***5. Assessment of compliance with the mandatory conditions and scientometric indicators of LDASRB and the Regulations for its application in MU - Varna.***

The documents required under section III, Art. 125 of the regulations of MU-Varna for application of LDASRB certifying that Dr. Dobrinka Damyanova MD has had a recognized specialty in "Pediatric Dentistry" since 2013 according to Ordinance № 1 of 22.01.2015 on the nomenclature of the Ministry of Health and has had acquired scientific degree "PhD." in the "Pediatric Dentistry" specialty have been produced.

**The general assessment** of the compliance of Assoc. Prof. Dr. Dobrinka Damyanova, PhD with respect to the mandatory conditions, mandatory quantitative criteria and scientometric indicators according to the Regulation for holding academic positions at MU-Varna (Field 7. Health and sports, professional field 7.2. Dental medicine) are presented in Table 1.

**Table 1. Minimum required points by groups of indicators for the academic position "Associate Professor"**

Indicators groups	Contents	Assoc. Prof. (points)	<i>Dr. Dobrinka Damyanova</i> (брой точки)
A	Indicator 1	50	<b>50</b>
B	Indicator 2	-	-
C	Indicator 3 or 4	100	<b>100</b>
D	Aggregate of the indicators 5 through 9	200 (≥ 60 on item 7)	<b>285</b> <i>of them 150 on indicator 7</i>
E	Aggregate of the indicators 10 through 12	50	<b>90</b>
F	Aggregate of the indicators 13 to the end	-	-

**Aggregate points: 525 p.**

#### **IV. Conclusion**

Dr. Dobrinka Mitkova Damyanova, PhD has the necessary scientific and teaching qualities. The scientific skills of Assoc. Prof. Dr. Dobrinka Mitkova Damyanova, PhD are visible from the evidence provided - 13 scientific publications, 9 participations in scientific forums and 12 positive citations.

In her teaching and methodological activities, both in Bulgarian and for English studying students in dental medicine, she shows an active attitude in the training of students and doctoral students. The presented monograph is useful for the scientific community in the field of dental medicine.

Based on the above stated, I find that the candidate *Dr. Dobrinka Mitkova Damyanova, PhD* **meets** the requirements for holding the academic position of "Associate Professor" according to LDASRB, as well as of the Rules for application of the LDASRB of MU - Varna. Dr. Dobrinka Mitkova Damyanova, PhD covers the minimum mandatory conditions, mandatory quantitative criteria and scientometric indicators according to the Regulation for holding academic positions at MU - Varna, field 7. Health and Sports, professional field 7.2. Dental Medicine.

Plovdiv, 03.02.2021

Opinion prepared by .....  
/Assoc. Prof. Dr. I. Chenchev, PhD/