



Minister of Health, Labour and Social Protection,  
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Faculty of Stomatology  
Department of Pediatric Oral and MaxilloFacial Surgery and Pedodontics „Ion Lupan”

# **The role of nutrition in preventing of oral affections Influence of macro- and microelements on dental tissues**

Lecture for students of the III year, 6<sup>th</sup> semester  
Discipline  
Prevention of oral diseases

Chisinau, 2019

# **PROVISIONAL TERMS AND CONDITIONS**

- *Knowledge and observance of ethical-moral and professional norms in patient relations.*
- *Knowing the purpose and tasks of dentistry.*
- *Knowledge of the anatomo-topographic features of the oral and maxillofacial region.*
- *Knowledge of the organization of dental care in dental office / department of therapeutic dentistry.*
- *Knowledge of the necessary legislative framework and documentation in the therapeutic dental office / department (medical record, registry and records of sterilization control).*
- *Knowledge of methods and stages of clinical and paraclinical examination used in therapeutic dentistry.*
- *Knowing the methods of prophylaxis. Knowledge of the principles, stages of asepsis and antisepsis.*
- *Knowing the sources of information needed in the work of the dentist.*

# **Content units:**

- Macro- and micronutrients.
- The concept of food hygiene.
- Foods with a cariogenic potential. Factors influencing the cariogenicity of foods.
- Foods with a protective effect.
- Influence of macro- and microelements on dental hard tissues.
- The role of nutrition in the prevention of periodontal disease.
- Oral manifestations of nutrient deficiency.

# ***RECOMMENDED LITERATURE:***

## ***A. Obligatory:***

1. Koch G., Poulsen S., Espelid I., Haubek D. *Pediatric Dentistry. A Clinical Approach.* Third edition. Chichester, West Sussex, UK ; Ames, Iowa : John Wiley & Sons Inc., 2017. 390 p.|

## ***B. Additional:***

1. McDonald R., Avery D., Dean J. *Dentistry for the child and adolescent.* Mosby, 2004.
2. Amerongen E., Jong-Lenters M., Marks L., Veerkamp J. *Case Reports in Pediatric Dentistry.* Quintessence Publishing Co Ltd, 2015.
3. Lupan I., Stepco E., Sevcenco N. *Prevenția afectiunilor stomatologice.* Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
4. Spinei A. *Carie dentară la copiii cu dizabilități.* Chișinău: Tipografia „Print-Caro”, 2016. 275 p. ISBN 978-9975-56-308-7.
5. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. *Strategii preventive adaptate grupelor de risc pentru afecțiunile orale. Ghid de profilaxie.* București, 2011, 52 p. <https://www.sser.ro/docs/ghid-de-profilaxie-2011-09.pdf>
6. Bârlean I., Dănilă I., Podariu A., Săveanu C. *Ghid de practică în prevenția oro-dentară.* București, 2013, 101 p. <http://www.cmdis.ro/docs/ghiduri/Ghid%20de%20practica%20prevenție%20și%20ergonomie.pdf>
7. I. Dănilă. *Dentistică preventivă.* Ed. Didactică și Pedagogică, Buc. 2005