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## Comparative investigation of the periodontal status in two groups of children and adolescents with different standard of life

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Nowadays there is a great diversity of investigations among children and adolescents concerning the specific morphological, physiological and functional characteristics and clinical traits of the periodontal apparatus. An issue of significant scientific interest represents the comparison of periodontal status in children with systemic disorders and healthy controls of similar age. Not to neglect the fact that social-economic characteristics of the area of living influence periodontal health. The aim of this study has been to perform a detailed research of the periodontal health in children of different regions and standard of living and to seek for answers to some questions: Is there any correlation between periodontal status and common health? Are children with improved oral-dental status in conditions of extensive increase of the costs for public health services? Do children visit their dentists only in a case of emergency or do they perform regular dental visits? For the purpose of the study we included children and adolescents between 2 and 18 years of age with different place and conditions of living. We recorded the plaque index, papilla bleeding index, bleeding on probing index, clinical attachment level, gingival recessions, DMFT and DFT index in the context of primary, mixed and permanent dentition. We established deviations from the norm of periodontal health not only in children with common health problems, but also in controls living in poor conditions, with limited access to dental cares. In conclusion, the environmental factors have to be taken into consideration in periodontal status assessment.

### Biography

Teodora Targova-Dimitrova has completed her PhD from the Medical University of Varna, Bulgaria. She is a Specialist in Periodontology and Dental Implantology and has been working as an Assistant-Professor in Department of Periodontology and Dental Implantology at Faculty of Dental Medicine. Her scientific interests include investigation and efficient treatment of periodontal disorders in children, adolescents and adults.

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