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MEDICINSKI ZNAČAJ PROTOZOA USNE DUPLJE U STOMATOLOŠKOJ PRAKSI

ORAL CAVITY PROTOZOA RELEVANT IN THE PRACTICE OF DENTISTRY

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Sažetak

Uvod: *Usna duplja čoveka je mesto za kolonizaciju najraznovrsnijih mikroorganizama u organizmu ljudi. Brojni faktori mogu uticati na homeostazu oralnog mikrobioma. Parodontalne bolesti nastaju usled poremećene homeostaze oralnog mikrobioma i odbrane domaćina, kada dolazi do inflamatorne reakcije, koja zahvata tkivo parodoncijuma. Uticaj parazita na patofiziologiju parodoncijuma još uvek nije dovoljno proučen, pa bi sadašnja i naredna naučna istraživanja trebalo da daju brojne odgovore.*
Cilj rada: *U svetlu sadašnjih saznanja vezanih za patogenezu, dijagnostiku i epidemiologiju infekcija oralne duplje uzrokovanih vrstama protozoa Entamoeba gingivalis i Trichomonas, cilj rada je da se kroz pregled literature ukaže na značaj protozoa u stomatološkoj praksi, kao i na moguće manifestacije parazitskih infekcija od značaja za javno zdravlje, koje se mogu ispoljiti i u usnoj duplji.*
Zaključak: *Stomatolozi imaju bitnu ulogu u dijagnozi oralnih oboljenja uzrokovanih protozoama usne duplje, kao i protozoa bitnih za javno zdravlje, koje daju sistemske infekcije, a patološke promene mogu se ispoljiti i u usnoj duplji. Njihovo dijagnostikovanje je svakako veliki izazov i zahteva multidisciplinarni pristup, u cilju što brže dijagnoze i adekvatnog lečenja.*

Ključne reči: *usna duplja, protozoe, parodontalne bolesti, lajšanijaza, toksoplazmoza*

Abstract

Introduction: *Oral cavity is the colonization site of most diverse microorganisms. The homeostasis of oral microbioma is affected by numerous factors. Periodontal diseases occur as a consequence of disturbed oral microbioma homeostasis, when an inflammatory reaction occurs in the periodontal tissue. The impact of parasites on periodontal pathophysiology has not been sufficiently studied, and present and future research should hopefully answer quite a few questions concerning the issue.*
Aim of the paper: *In the light of the present knowledge of the pathogenesis, diagnosis and epidemiology of oral cavity infections caused by Entamoeba gingivalis and Trichomonas tenax, the aim of the paper was review of literature which could to point to the importance of protozoa in the practice of dentistry and to possible oral cavity manifestations of parasitic infections relevant for public health.*
Conclusion: *Dentists have an essential role in the diagnosis of oral diseases caused by oral cavity protozoa, and protozoa relevant for public health that produce systemic infections, the pathological changes of which may manifest in the oral cavity. Their identification represents a challenge and requires multidisciplinary approach for a timely diagnosis and adequate management.*

Key words: *oral cavity, protozoa, periodontal diseases, leishmaniasis, toxoplasmosis*

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