

ANTHROPOLOGICAL STUDY ON THE ORO-DENTAL HEALTH OF A GROUP OF TEENAGERS

Andrei KOZMA¹, Cristiana GLAVCE²

¹Academy of Romanian Scientists, Anthropological Committee of the Romanian Academy; Institute of Mother and Child Care “Prof. Dr. Alfred Rusescu”; Academic Society of Anthropology; email: dr.ka.mailbox@gmail.com

²“Fr. Rainer” Institute of Anthropology – Romanian Academy, member of the Academy of Romanian Scientists and of the Romanian Academy of Medical Sciences

Abstract. Our research addressed the issue of periodontal health in a multi and interdisciplinary manner, in a group of teenagers, from the standpoint of biological anthropology (somatic development, constitution, evolution, sexual dimorphism).

We examined the health aspects of the periodontium and teeth depending on chronological age and sex, with their bio-anthropological, endocrine and social implications.

Other objectives examined were linked to the chronology and succession of the dental eruption.

After the study was conducted, we noticed severe degradation of the periodontal and dental health in the studied teenagers, degradation that increases with the age.

Additionally, a close correlation was observed between human factors (biological, physiological) and the socio-cultural background of the individual with his/her periodontal and dental health.

Keywords: dental eruption, anthropology, dental age, biological age.

The research we have conducted addressed the issue of periodontal health in a multi and interdisciplinary manner in a group of teenagers, investigating some aspects linked to the oro-dental health (health of the periodontium and dental structures) depending on the chronological age and sex, with their bio-anthropological, endocrine and social implications. Other objectives examined were linked to the chronology and succession of the dental eruption.

The study material consisted of 800 subjects aged 13-17 years, pupils from two high schools in Bucharest. The investigation method used was a cross-sectional survey.

In determining the periodontal health, the WHO’s statement was used, especially drawn up for this purpose by the research team under the coordination of professor M.D. Ph.D. P. Firu, statement from which the data on the periodontal and