THE NEED FOR DENTAL CARE AMONG HIV-POSITIVE INDIVIDUALS IN EAST BOHEMIA, CZECH REPUBLIC

Abstract:
Introduction: Although the total number of HIV-positive individuals in Czech Republic remains relatively low, it has been raising fluently since 1986. Totally, 2637 HIV-positive individuals were registered in 7 centers including AIDS Center Hradec Králové in June 2014. The need for dental care realized at the Department of Dentistry which serves as a part of the Centre, is raising equally.

Aim of study: To assess oral status, causes and spectrum of dental procedures realized in HIV-positive individuals in East Bohemia region.

Material and methods: Retrospective analysis of clinical data in a cohort of HIV-positive individuals registered in the AIDS Centre Hradec Králové, Czech Republic, during 14 years (2000-2013).

Results: 186 visits were realized in 29 patients, 19 men and 10 women, age from 22 to 58 years, during 14 years. Subjective complaints, most frequently acute dental pain, were reasons for the visit in 70.4%, and prevention in 29.6%. The most frequent problems were dental caries and its complications in 36 cases, inflammatory periodontal diseases, mostly plaque-induced gingivitis, in 25 cases, and various mucosal and major salivary gland lesions in 9 cases. The most frequent
type of therapy were restorative dental procedures (71.8 %), followed by teeth extractions (16.7 %), and periodontal therapy (11.0 %).

**Conclusion:** Oral status and dental treatment need did not differ significantly from the general population. Surprising could he an unexpectadly lower number of HIV-related oral mucosal lesions that might be explained by the readily available antiretroviral therapy.