

Brazilian Oral Research

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Abstract













[NOCE, Cesar Werneck](#); [FERREIRA, Sonia Maria Soares](#); [SILVA JUNIOR, Arley](#) and [DIAS, Eliane Pedra](#). Association between socioeconomic status and HIV-associated oral lesions in Rio de Janeiro from 1997 to 2004. *Braz. oral res.* [online]. 2009, vol.23, n.2, pp. 149-154. ISSN . doi: 10.1590/S1806-83242009000200010.

The prevalence of HIV-related oral lesions may vary according to socioeconomic status and antiretroviral therapy, among other factors. This study's intent was to evaluate the association between socioeconomic indicators, CD4+ counts and HIV-related oral lesions in the city of Rio de Janeiro, RJ, Brazil. A retrospective epidemiological analysis was performed of the medical records of HIV-positive patients that attended the Federal University of Rio de Janeiro between 1997 and 2004. Gender, age, mode of HIV transmission, level of education, monthly familial income, CD4+ counts and HIV-related oral lesions were assessed. For statistical analysis, the Chi-square test was used with a level of significance of 5%. 254 medical records were reviewed: 83 women and 171 men. Monthly familial income below 2 minimum wages was associated with a higher prevalence of pseudomembranous candidiasis ($p = 0.024$), while income above 10 minimum wages was associated with a higher prevalence of salivary gland disease ($p = 0.021$). Lower socioeconomic status was associated with lower CD4+ counts ($p = 0.017$). In this study, an association was noted between socioeconomic status, immune suppression and prevalence of oral lesions. However, further studies are warranted using other socioeconomic variables in order to better assess this relationship.

Keywords : HIV; Oral manifestations; Social class.

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