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Abstract

[TOTTI, Marilda Aparecida Gonçalves](#) et al. Oral candidosis by *Candida albicans* in normal and xerostomic mice. *Braz. oral res.* [online]. 2004, vol.18, n.3, pp. 202-207. ISSN 1806-8324. doi: 10.1590/S1806-83242004000300005.

The aim of this study was to analyze the effect of sialoadenectomy on the development of oral candidosis after one or four inoculations of *Candida albicans*. Initially, a suspension containing 10^8 cells/ml of *C. albicans* ATCC 36801 was prepared. Seventy-eight sialoadenectomized mice and a similar amount of mice with normal salivary flow received a single inoculation of *C. albicans* suspension. Another group with a similar number of mice received 4 inoculations. The control group consisted of 6 sialoadenectomized mice and 6 mice with normal salivary flow that were not inoculated with *C. albicans*. Candidosis development was studied histologically in the tongue of the animals 1, 2, 3, 5, and 8 days after inoculation and at 15-day intervals up to 165 days. According to the results obtained, it could be concluded that sialoadenectomy and a higher frequency of yeast inoculation influenced the presence and extension of candidosis lesions.

Keywords : Candidiasis, oral; *Candida albicans*; Xerostomia.

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