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Abstract





[ITO, Cristiane Yumi Koga](#) et al. *In vitro* antifungal susceptibility of *Candida* spp. isolates from patients with chronic periodontitis and from control patients. *Braz. oral res.* [online]. 2004, vol.18, n.1, pp. 80-84. ISSN 1806-8324. doi: 10.1590/S1806-83242004000100015.

Superinfection by *Candida* can be refractory to conventional periodontal treatments in specific situations, such as in immunocompromised patients. In these cases, the systemic therapy with antifungal drugs could be indicated. The aim of this study was to analyse antifungal susceptibility of *Candida* spp. strains isolated from chronic periodontitis patients and from control individuals. A total of 39 *C. albicans* isolates, 9 *C. tropicalis*, 2 *C. glabrata* and 5 *Candida* spp. from control individuals and 30 *C. albicans*, 3 *C. tropicalis* and 2 *C. glabrata* from periodontitis patients were tested. In the control group, 1 isolate of *C. glabrata* was resistant to ketoconazole and 1 *Candida* spp. was resistant to amphotericin B, ketoconazole and miconazole. Among the isolates of periodontitis group, 1 (3.33%) *C. albicans* isolate was resistant to flucytosine and ketoconazole. According to the obtained results, it could be concluded that fluconazole was the most effective drug against the several *Candida* species studied. There were not expressive differences in the susceptibility of isolates from periodontitis patients or from control individuals.

Keywords : *Candida*; Antifungal agents; Periodontitis.

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Sociedade Brasileira de Pesquisa Odontológica

Av. Lineu Prestes, 2227
Caixa Postal 8216
05508-900 S 鋼 Paulo SP - Brazil
Tel./Fax: +55 11 3091-7810



bor@sbpgo.org.br