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### **Evaluation of *Candida spp.* adherence to oral piercing**

**Brusca MI, Garriga MB and Brusca L**  
Universidad Abierta Interamericana, Argentina

**Objective:** To evaluate the carrying of yeast species in patients with oral hoops.

**Materials & Methods:** A study of cases and controls included 60 patients was conducted.

**Experimental Group:** Patients with piercing metal and acrylic.

**Inclusion Criteria:** Patients 14-65 years old, immunocompetent, with piercing.

**Exclusion Criteria:** Taking antibiotics, anti-inflammatories, and antifungal. Who have received periodontal treatment in the last 6 months.

**Control Group:** Patients without piercing. In addition to conventional medical history a survey was conducted with sterile swabs and samples of soft tissue, palate, and tongue were taken. A sample of the ring and then take placed in tubes with 0.5 ml of PBS. The yeast species were identified in chromogenic medium, Api, ID 32 C, Bichro-Dubli, Fumouze, and DNA amplification by PCR with primers.

**Results:** The presence of *C. albicans* was observed, *C. parapsilosis*, *C. tropicalis*, *C. guilliermondii*, *C. glabrata* and *C. sake* both the peripheral rim and mucosa, the bearing is larger in the peripheral mucosa, lips and cheeks with a significant difference compared with noncarriers of piercing. (P=0.002) -Periodontal equal to the initial condition was maintained in all cases.

**Conclusion:** Yeasts grow in both piercing and lips, tongue and cheeks and can spread from this new niche

### **Biography**

Bruca Maria Isabel has completed her PhD from Buenos Aires a University and postdoctoral studies from Abierta Interamericana University School of Medicine and from Catholic University. She is the coordinator in investigation group of Abierta Interamericana University, and Professor in Buenos Aires University and Abierta Interamericana University. She has published more than 14 papers in reputed journals.

### **Notes:**