

[Available Issues](#) | [Japanese](#)

Author:

[ADVANCED](#)

Volume

Page

Keyword:

Search

Add to  
Favorite / Citation  
Articles AlertsAdd to  
Favorite  
Publications[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

## Tropical Medicine and Health

Vol. 36 (2008) , No. 2 p.101

### Oral *Candida* species in healthy and HIV-infected subjects in South India.

[Kannan Ranganathan](#)<sup>1)</sup>, [Premdeepa Narasimhan](#)<sup>2)</sup>, [Kaazhiyur Mudi Rajan Gunaseelan](#)<sup>2)</sup>, [Nagalingeswaran Kumarasamy](#)<sup>3)</sup>, [Suniti Solon Samaranayake](#)<sup>4)</sup>

1) Department of Oral and Maxillofacial Pathology, Ragas Dental

2) Chennai Dental Research Foundation

3) YRG Centre for AIDS Research and Education

4) Oral Biosciences Unit, Faculty of Dentistry, The University of

(Accepted April 17, 2008)

**Abstract:** Objective: Candidiasis is the most common fungal infection in immunodeficiency virus (HIV) - infected individuals. As there is species diversity of *Candida* species in HIV- infected individuals in India, we characterized the oral cavity in two cohorts - with and without HIV infection and absence of clinical oral candidiasis, in Chennai, South India.

Methods: Saliva samples were collected from 147 consecutive stud rinse technique. *Candidal* species were isolated by culturing specin dextrose agar. The pure cultures so derived were speciated using the ID32C system, and the results were interpreted using APILAB plus Results: In the HIV seropositive group, the most commonly isolatec *C.albicans* (86%) followed by *C.tropicalis* (23%), *C.guilliermon* and others (4%). In the healthy cohort without clinical candidiasis, ( commonly isolated species.

Conclusion: There appears to be a marked variation in oral *Candid* seropositive and seronegative individuals in India. To our knowledg to identify oral *Candida* species in a South Indian population.

**Key words:** [Oropharyngeal candidiasis](#), [HIV](#), [fungal infection](#)

[\[PDF \(49K\)\]](#) [\[References\]](#)

Downlo

To cite this article:

Kannan Ranganathan, Premdeepa Narasimhan, Kaazhiyur Mudiml Gunaseelan, Nagalingeswaran Kumarasamy, Suniti Solomon and I “Oral *Candida* species in healthy and HIV-infected subjects in Ch Tropical Medicine and Health, Vol. **36**, pp.101-106 (2008) .

---