**Materials and Methods**

Oral Candida samples were collected from 126 HIV-positive patients presenting with white pseudomembranous plaque in the tongue or visible oral candidiasis at the Regional Hospital in Bamenda, Cameroon, by scraping the patient's oral mucosa and tongue using a sterile tongue scraper. The goal of this study was to characterize and determine drug susceptibility of oral Candida species in Cameroon patients with HIV/AIDS.  

**Results:** Ninety two isolates identified as Candida albicans.  

- Drug susceptibility results were obtained.  
  - Drug susceptibility testing was performed using the TREK Sensititre system.  
  - The TREK Sensititre system provides a simple antifungal drug susceptibility platform for use in clinical laboratories.  
  - The TREK Sensititre system was used to determine drug susceptibility profiles of oral Candida species in Cameroon patients with HIV/AIDS.

**Discussion**

The need for a simple antifungal drug susceptibility platform for use in clinical laboratories is imperative, as the emergence of resistant Candida species is a cause of concern. The use of the TREK Sensititre platform for drug susceptibility testing can be done rapidly and with minimal training and reagents and is therefore a promising method for use in resource-limited laboratories in Africa.  

This study shows that the most widely available medication for C. albicans infections in the African continent is only working on half of the patients or less. The same occurs in the case of the other azole drugs tested. It is suggested that the dispensing of these antibiotics should not be arbitrary, as this procedure promotes antibiotic resistance. Dispersing should be based upon known antibiotic susceptibility profiles of the Candida species present in the local population. We emphasize that there is a need for regional surveillance of Candida species, as this study has shown that certain species, such as the prevalent C. albicans do not respond to specific antifungal drugs that might be dispensed empirically.