Manipal Academy of Higher Education

Impressions@MAHE

Kasturba Medical College, Mangalore Theses and Dissertations

MAHE Student Work

Fall 1-1-2020

"Clinico-microbiological study of Candida infections focusing on risk factors, virulence factors and antifungal susceptibility patterns."

Poornima M.V.

Follow this and additional works at: https://impressions.manipal.edu/kmcmlr



Clinico-microbiological study of Candida infections focusing on risk factors, virulence factors and antifungal susceptibility patterns.

Infections caused by Candida species have been increasing, and therefore, we intended to study their virulence factors and drug esistance patterns. **Materials and methods:** 145 consecutive clinical isolates of Candida species from various clinical specimens were speciated, assessed for virulence factors like biofilm formation, poduction of phopholipase, proteinase, coagulase, haemolysin, and hyphae. They were also tested for susceptibility to fluconazole and voriconazole.