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ONYCHOMYCOSIS DUE TO YEAST AND YEAST-LIKE FUNGI

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Abstract:

Onychomycosis due to the yeast and yeast-like fungi was investigated among the 147 patient who referred to the mycology laboratory of school of public Health during the period of 11 months. The isolated yeasts and yeast-like fungi were examined by API Auxanogram method. The distribution of isolated microorganisms were *C. tropicalis* 10(7.4%), *C.guillioimondii* & (5.9%) cases and one case of each of the *C.krusei*, *C.pseudotropicalis*, *C.rugosa*, *trichosporon cutaneum*, *trolopsis maris*, *Cryptococcus albidus* and finally 3(2.2%) cases of *candida famata*. High incidence of infection was in the patients with 0-15 years of age and most of them were in the groups of 0-4 years. Nail infection among the females were much more frequently than the males and predominant occupation of the women was house duties. The results which obtained from this investigation with the API Auxanogram system is quite satisfactory and use of this rapid method for identification of yeasts and yeast-like fungi from the clinical materials of the patients is recommended.

Keywords:

yeast-like fungi , API Auxanogram

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