

## عنوان مقاله:

Evaluation of fungal (Onychomycosis) in Sokoto, Nigeria

## محل انتشار:

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## خلاصه مقاله:

Onychomycosis is a fungal infection of the nail, which occurs worldwide with Dermatophytes as the most common causal agents although yeast and moulds are also involved. The diagnosis usually involves direct microscopy and culture to prove actual existence of onychomycosis. A total of ۳۰ samples were tested using ۲۰% KOH and culture plates of Sabourad Dextrose Agar (SDA) which was mixed with streptomycin as an antibiotic. A total of ۸۰.۰% samples were identified as positive by culture, among which, ۴۶.۷% were KOH positive and ۳۳.۳% were KOH negative. ۲۰.۰% were culture negative. The predominant pathogen was yeast ۳۷.۴۳%, followed by dermatophyte ۳۳.۳۳% and the moulds with ۲۴.۱۲% of the cases recorded. Onychomycosis was observed to be common between the age of ۴۱-۵۰ with the occurrence of ۵۰%, and ۵۰% in both male and female patients attending the hospital. The research highlighted that the yeast was a predominant pathogen in Ammannawa General Hospital Sokoto, patients should be well informed on the need to take their health and personal hygiene seriously, and also adhere to treatments. Based on the result obtained, it was recommended that people should avoid going barefoot in public places, and keep feet cool and dry. To educate patients on the need to improve their health and personal hygiene. Patients should endeavor to apply antifungal powder/spray to the inside of their shoes once a week or more, and they should also comply with .all treatment protocol

## کلمات کلیدی:

Onychomycosis, Dermatophytes, Ammannawa, General Hospital, Fungal infection

## لینک ثابت مقاله در پایگاه سیویلیکا:

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