

## PROPORTION OF PREVENTABLE SKIN INFECTIONS IN ORPHANAGE CHILDREN-2004

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Background & Rationale:

Pediatric Dermatological problems constitute at least 30% of all visits to a dermatologist. The proportion of skin disease amongst children in various parts of India has ranged from 8.7% to 35% in school based surveys. A large number of these skin infections are preventable and their incidence can be minimized by early detection, proper medications and health education about personal hygiene.

METHODOLOGY:

Descriptive study (cross sectional study) design was adopted and was conducted in three selected orphanages of Trivandrum city from December, 2007 to January, 2008. The study subjects were 430 children of age below 16 year in selected orphanages in Tvm. City.

Materials & Methodology:

Study Design: Descriptive study(cases sectioned study)

Study setting: The study was conducted in 3 selected orphanages of Trivandrum city from December, 2007 to January, 2008.

Sample size: Total; no. of children in three selected orphanages in Tvm. City is 430.

Ethical consideration: Consent from Community medicine Department informed consent of orphanage authorities.

Result:

In the study period of 1 month 127 cases were detected in 3 different orphanages out of 430 children per day in three orphanages.

52% Fungal Infection.

21.25% Parasitic Infection.

15.75% Bacterial Infection.

11% Combined infection.

Summary Conclusion:

- The most common dermatology encountered infections and infections which were seen in 29.53% of the study population.
  - Tinea was the most common infection in our study comprised 52% of infections & infections.
  - There is an increase in proportion of fungal infections in higher age groups and that parasitic infection in lower age group.
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