

**RELATIONSHIP OF PERSONAL HYGIENE AND OCCUPATIONAL DENSITY WITH
THE EVENT OF SCABIES IN SANTRI AT TAHFIDZUL QUR'AN ISLAMIC BOARDING
SCHOOL NURUL FALAH (WOMAN) SUB-DISTRICT OF PONCOL, MAGETAN
REGENCY IN 2022**

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ABSTRACT

Scabies is a skin disease caused by the infestation and sensitization of the mite *Sarcoptes scabiei hominis* variant and its products on the body. The number of scabies disease is increasing every year. The incidence of scabies in Magetan Regency was 4.10% in 2013, an increase in 2014 of 7.66% and 8.23% in 2015 (Magetan District Health Office). Of the many cases of scabies disease, the sufferer is dominated by students. This study was conducted to determine the relationship between personal hygiene and residential density with scabies in students at the Tahfidzul Qur'an Nurul Falah Islamic Boarding School, Poncol District, Magetan Regency in 2022.

This type of research is analytic, with a cross sectional design. The population of this study was all students with a sample of 69 respondents. The sampling technique used is total sampling, which is a sample of 69 respondents. The research instruments used were questionnaires and observation sheets.

The results showed that most of the respondents (66.3%) had scabies. Then from the results of bivariate analysis using the Chi square test with 5%, the results of this study were personal hygiene ($p= 0.022$) with RP 1.535 with range 1.010–2.332 and occupancy density ($p= 0.006$) with RP 3,600 with range 1,362–9,515. Based on the results of the study, it is recommended for students to improve personal hygiene including, students not changing clothes and towels, washing hands with soap after activities to dry the mattress on a regular basis, washing bed linen at least once a week. And residential rooms for students are adjusted to the number of students' capacities living in the room.

Keywords: scabies, personal hygiene, residential density, Islamic boarding school.

