

**Gambaran Telur *Soil Transmitted Helminth* (STH) Pada Kuku Petugas
Sampah Di Tempat Pembuangan Akhir (TPA) Jatibarang Kota
Semarang**

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ABSTRAK

Petugas sampah tidak menggunakan alat pelindung diri seperti sepatu boot dan sarung tangan pada saat bekerja serta tidak memperhatikan personal hygiene yang meliputi mencuci tangan dan kaki, membersihkan kuku secara rutin, sehingga memungkinkan terinfeksinya telur cacing *Soil Transmitted Helminth*. Tujuan penelitian ini adalah untuk mengetahui ada tidaknya Telur *Soil Transmitted Helminth* (STH) Pada Kuku Petugas Sampah Di Tempat Pembuangan Akhir (TPA) Jatibarang Kota Semarang. Jenis penelitian ini bersifat deskriptif, populasi yang digunakan adalah kuku 50 petugas sampah di Tempat Pembuangan Akhir (TPA) Jatibarang Kota Semarang. Pengumpulan data dengan Observasi Sedimentasi NaOH 0,25%, analisa data menggunakan tabel deskriptif. Hasil Gambaran Telur *Soil Transmitted Helminth* (STH) Pada Kuku Petugas Sampah Di Tempat Pembuangan Akhir (TPA) Jatibarang Kota Semarang, menunjukkan bahwa dari 50 sampel yang diperiksa, diperoleh hasil 4% sampel positif yang tercemar telur cacing *Ascaris lumbricoides* dan 96% sampel lainnya negatif atau tidak tercemar oleh *Soil Transmitted Helminth* (STH). Kesimpulan berdasarkan hasil penelitian Gambaran Telur *Soil Transmitted Helminth* (STH) Pada Kuku Petugas Sampah Di Tempat Pembuangan Akhir (TPA) Jatibarang Kota Semarang dapat disimpulkan bahwa sebagian kecil positif terdapat Telur Cacing *Soil Transmitted Helminth* (STH). Berdasarkan hasil kuesioner penggunaan Alat Pelindung Diri (APD) dengan kategori baik sebanyak 20 orang (40%), buruk sebanyak 30 orang (60%). Berdasarkan hasil kuesioner Personal Hygiene kebersihan kuku dengan kategori baik 30 orang (60%), buruk 20 orang (40%), kebersihan kulit kategori baik 45 orang (90%), buruk 5 orang (10%). Berdasarkan hasil kuesioner jenis kelamin kategori laki-laki 35 orang (70%), perempuan 15 orang (30%). Saran, diharapkan pekerja pengangkut sampah harus selalu menggunakan Alat Pelindung Diri (APD) saat bekerja dan berperilaku hidup sehat serta memperhatikan personal hygiene agar tidak terkontaminasi oleh *Soil Transmitted Helminth* (STH).

Kata kunci : *Soil Transmitted Helminth*, cacingan, petugas

***Overview Of Soil Transmitted Helminths (STH) On The Nails Of Garbage Officers
In Jatibarang Final Disposal Site (FDS) Of Semarang City***

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ABSTRACT

Garbage workers do not use personal protective equipment such as boots and gloves when working and do not pay attention to personal hygiene which includes washing hands and feet, cleaning nails regularly, thus allowing infection of the Soil Transmitted Helminth telephones. The purpose of this study was to determine the presence or absence of Transmitted Helminth (STH) Soil Eggs in the Nails of Garbage Officers in the Jatibarang Landfill in Semarang City. This type of research is descriptive, the population used in the nails of 50 garbage officers in Jatibarang Final Disposal Site (TPA), Semarang City. Data collection with 0.25% NaOH Sedimentation Observation, data analysis using descriptive tables. The results of the image of the eggs Transmitted Helminth (STH) on the nails of the Trash Officers in the Final Landfill (JPA) of Semarang City, showed that of the 50 samples examined, 4% positive samples were contaminated with Ascaris lumbricoides worm eggs and 96% were negative or not. polluted by Soil Transmitted Helminth (STH).

Conclusions based on the results of research on the Transmitted Helminth Soil Egg (STH) on the Nails of Garbage Officers in the Final Disposal Site (TPA) of the City of Semarang can be concluded that a small fraction is positive there are Transmitted Helminth Soil Worm Eggs (STH). Based on the results of the questionnaire the use of Personal Protective Equipment (PPE) with a good category of 20 people (40%), bad as many as 30 people (60%). Based on the results of the Personal Hygiene questionnaire nail hygiene with a good category of 30 people (60%), bad 20 people (40%), skin hygiene categories of good 45 people (90%), bad 5 people (10%). Based on the results of the gender questionnaire male category 35 people (70%), women 15 people (30%). Suggestions, it is hoped that garbage transport workers should always use Personal Protective Equipment (PPE) when working and behave in a healthy lifestyle and pay attention to personal hygiene so as not to be contaminated by Soil Transmitted Helminth (STH).

Keywords :Soil Transmitted Helminth, worms, officer