

## INTISARI

**Fauziah, Ade Suryani. 2019. Kontaminasi *Soil Transmitted Helminths* Pada Sayuran Selada Yang Dijual Pedagang Kebab Kaki Lima Di Kelurahan Mojosongo, Jebres Kota Surakarta Dengan Perlakuan Perendaman Larutan NaOH 0,2%. Program Studi D-IV Analis Kesehatan, Fakultas Ilmu Kesehatan, Universitas Setia Budi.**

*Soil Transmitted Helminths* adalah cacing yang memerlukan tanah untuk perkembangannya. Kontaminasi *Soil Transmitted Helminths* dapat ditemukan pada sayuran selada. Selada adalah tanaman yang daunnya tumbuh dalam posisi duduk di tanah. Tujuan penelitian ini adalah mengetahui kontaminasi *Soil Transmitted Helminths* pada sayuran Selada yang dijual Pedagang kebab kaki lima di Kelurahan Mojosongo dan Kelurahan Jebres Kota Surakarta dengan perlakuan perendaman Larutan NaOH 0,2% selama 1 jam.

Rancangan penelitian ini adalah penelitian observasional analitik dengan pendekatan *Cross Sectional*. Identifikasi sampel dapat dilakukan dengan merendam sampel dalam larutan NaOH 0,2% selama 1 jam menggunakan metode sedimentasi. Perendaman dilakukan agar telur cacing dapat mengendap.

Hasil penelitian ini menunjukkan 1 sampel positif yaitu telur *Ascaris lumbricoides* fertil dengan persentase sebanyak 3,125% dengan perlakuan perendaman larutan NaOH 0,2% selama 1 jam.

---

**Kata Kunci** : Kontaminasi *Soil Transmitted Helminths*, Selada, Larutan NaOH 0,2%.

## ABSTRACT

**Fauziah, Ade Suryani. 2019. Contamination of *Soil Transmitted Helminths* in Lettuce Vegetables Sold by Kebab Street Vendors in Mojosongo Village, Jebres, Surakarta City with Immersion Treatment of 0.2% NaOH Solution. Bachelor of Applied Sciences in Medical Laboratory Technology Program, Health Science Faculty, Setia Budi University.**

*Soil Transmitted Helminths* are worms that need soil for their growth. The contamination of *Soil Transmitted Helminths* can be found in lettuce vegetables. Lettuce is a plant whose leaves grow in a sitting position on the ground. The purpose of this study was to determine the contamination of *Soil Transmitted Helminths* in Lettuce vegetables sold by kebab street vendors in the Mojosongo Village and Jebres Village in Surakarta City by immersion treatment of 0,2% NaOH solution for 1 hour.

The design of this study is observational analytic research with Cross Sectional approach. Sample identification could be done by immersing the sample in 0,2% NaOH solution for 1 hour using the sedimentation method. Immersion is done so that worm eggs can settle.

The results of this study showed 1 positive sample namely the eggs of *Ascaris lumbricoides* fertile with a percentage of 3,125% with immersion treatment of 0,2% NaOH solution for 1 hour.

---

**Keywords :** Contamination of *Soil Transmitted Helminths*, Lettuce, 0,2% NaOH solution.