



ABSTRACT & PROGRAM BOOK

The 1st International Conference on
TROPICAL MEDICINE AND INFECTIOUS DISEASES
(ICTROMI) Faculty of Medicine
Universitas Sumatera Utara

In conjunction with

The 23rd National Congress of Internal Medicine Department
Faculty of Medicine University of Sumatera Utara and
The 18th Annual Meeting of The Indonesian Society of Tropical and
Infectious Diseases Consultant (ISTIC)

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Editor:

Yosia Ginting
Armon Rahimi
Tambar Kembaren
Franciscus Ginting
Endang
Restuti Hidayani Saragih
M. Aron Pase
Andri Mardia

15TH - 18TH NOVEMBER 2017
ARYADUTA HOTEL, MEDAN, INDONESIA

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Aryaduta Hotel, Medan, Indonesia

 **UIS U press**
2017



WELCOME NOTE

Dear colleagues,

On behalf of the Organizing Committee, it is a great honor and pleasure to welcome you to the 1st International Conference on Tropical Medicine and Infectious Disease (ICTROMI) which is held in Medan, Sumatera Utara, Indonesia, from November 15 to 18, 2017.

Faculty of Medicine Universitas Sumatera Utara holds The 1st International Conference on Tropical Medicine and Infectious Disease (ICTROMI) which encompass all of the fields in Tropical Medicine and Infectious Disease with special attention being paid to latest diagnostics and management to social and environment impact. In conjunction with this International Conference, two scientific events also take part : The Indonesian Society of Tropical and Infectious Diseases Consultant (ISTIC), one of the leading subspecialty associations in Indonesia, conducts its 23rd National Congress, while the Department of Internal Medicine as the part of Faculty of Medicine Universitas Sumatera Utara with its 18th Annual Meeting, presents recent updates from various subspecialty topics.

Tropical and Infectious Diseases remain huge global health problems especially in Southeast Asia, including Indonesia. Moreover, climate change and million people travelling across the globe lead to higher risk in infectious disease. The world indeed faces those challenges, thus, we are urged to improve and update our knowledge and skill, as well as collaborate with another fields. This conference is presenting state-of-art scientific presentations, delivered by both well-known international and national speakers, provide a forum to share the latest research, exchange the new emerging knowledge, discuss the recent problems and challenges especially in Internal Medicine, Tropical Medicine and Infectious

Disease, as well as to discuss the future development and provide a network opportunity for clinicians, researchers and experts work in those fields.

The congress venue, Medan, is the third largest city in Indonesia and a city of culinary heaven, where almost unlimited choices and spots offer a large variety of delicious cuisine. It also hosts cultural and historical sites, heritage buildings, and traditional handcrafted souvenir shops. And of course if we talk about North Sumatera, we will not forget to mention the amazing Lake Toba, the largest crater lake in the world, spreading elegantly with its Samosir Island in the middle.

We believe that The 1st ICTROMI offers much to see, learn and take away as long-lasting memories. Once more, welcome to Medan, we wish you have a good time both in scientific and leisure moments.

Harun Rasyid Lubis

Yosia Ginting

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CUTANEOUS LARVA MIGRANS IN A GARDENER

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ABSTRACT

Cutaneous larva migrans is parasitic infestation caused by animal hookworm larva which attacks the epidermis. Contact with soil which contaminated larva of hookworm. Cat and dog are the most popular as a host which exceed the egg of hookworm. *Ancylostoma caninum* and *braziliensi* are the most common. Diagnosis of CLM is the feature of serpiginous eruption, lesion erythematous in and itching approximately a weeks after contact with contaminated soil. In this case report, we describe a case of CLM in a gardener.

Keywords: cutaneous larva migrans, serpiginous eruption, hookworm



CERTIFICATE



This is to certify that

Irena Agustiningtyas

has participated as

SPEAKER OF PAPER PRESENTATION

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Participant : 15 SKP IDI; Speaker: 12 SKP IDI; Moderator: 4 SKP IDI; Committee: 2 SKP IDI



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Chairman, Organizing Committee of 1st ICTROMI 2017

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Cutaneous Larva Migrans in a Gardener

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INTRODUCTION

Cutaneous larva migrans is parasitic infestation caused by animal hookworm larva which attacks the epidermis¹. Contact with soil which contaminated larva of hookworm. Cat and dog are the most popular as a host which exceed the egg of hookworm (Figure 1)². *Ancylostoma caninum* and *Ancylostoma braziliensis* are the most common³. Diagnosis of CLM are the features of serpiginous eruption, lesion erythematous in and itching⁴ approximately a weeks after contact with contaminated soil. In this case report, we describe a case of CLM in a gardener.

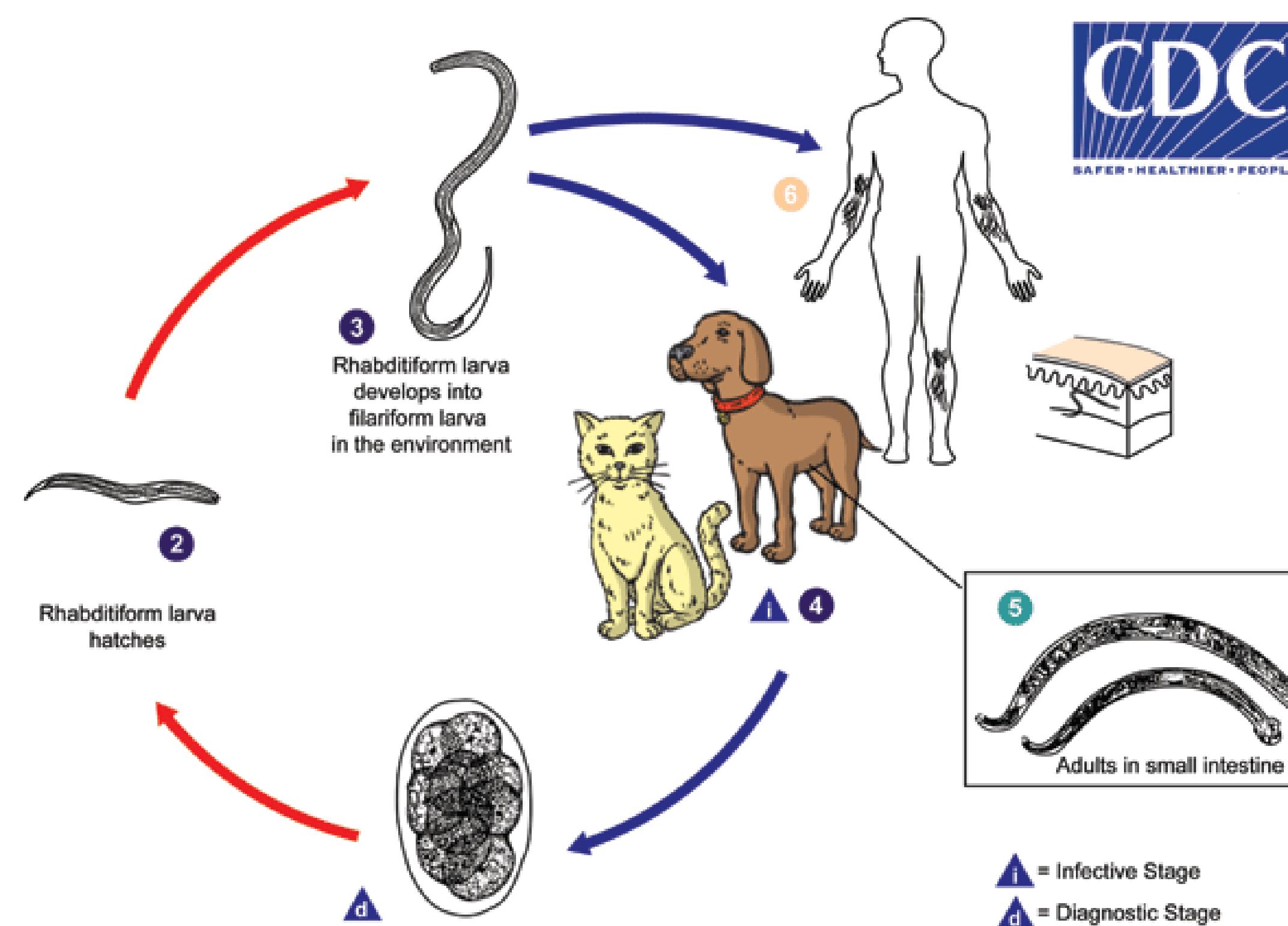


Figure 1. Life cycle of hookworm that caused cutaneous larva migrans, zoonosis (CDC)

A CASE REPORT

In April 2017, The 45-year-old man was presented with an itchy serpiginous eruption, erythematous in right and left palmar (Figure 1). He reported farming and clearing the grass in the front yard of the house where cat faeces were present. One week ago, he describes her hand feel itchy and he gives an antibiotic topical, and salicylic acid on the lesion, but no improvement. Physical examination showed an erythematous serpiginous eruption on the right and left palmar (Figure 2). A clinical diagnosis of cutaneous larva migrans was made from the history and the clinical manifestations. Albendazole, antihelminthic was given orally 200 mg/day for 3 days. The signs of the cutaneous larva migran an improvement after treated orally.

FINDINGS



Figure 2. In the palmar of right and left hand: erythematous serpiginous eruption.
The use of topical cream salicylic acid (left)

DISCUSSIONS

- Cutaneous Larva Migrans was a self limited disease
- Antiparasitic and antihistamin was needed to reduce discomfort of patient with CLM
- Albendazole was the drug choice of CLM⁵
- Cats have to sheeding in a box of sand, to control eggs of *Ancylostoma* sp⁶
- Human have to use safety equipment when contact with sand/soil which contaminated feses cat⁶
- Deworming cat to prevent zoonotic desease, CLM⁷



http://static.republika.co.id/uploads/images/inpicture_slide/berkebum-ilustrasi_13121133.jpg



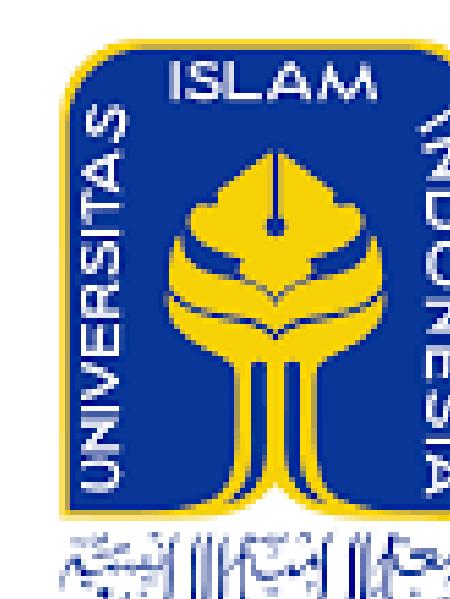
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