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Health and Human
Services

Texas Department of State
Health Services

Strongyloidiasis

Strongyloides stercoralis

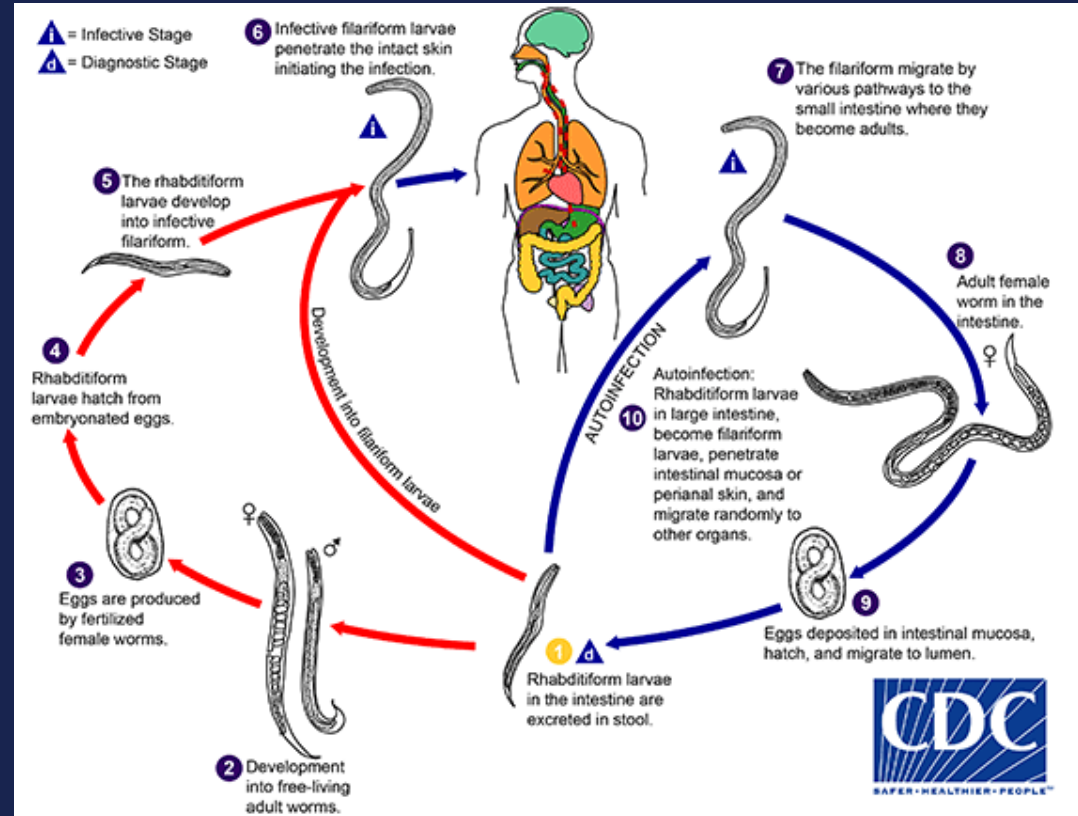


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What is it?

- Nematode (roundworm)
- Neglected Tropical Disease
- Soil-transmitted helminth





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Investigation Overview

- Donor: liver and kidneys
 - 3 recipients, 4 facilities in 4 PHRs
- Left kidney recipient deceased
 - Pre-transplant serum requested
- Donor serology samples submitted
- Treatment recommendations for liver and right kidney recipient
 - Oral Ivermectin 200 ug/kg, once daily for 2 days and repeated 2 weeks later



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Investigation Findings

- Pre-transplant serum from deceased left kidney recipient
 - Negative for strongyloidiasis
- Donor serology samples
 - Positive for strongyloidiasis
- Remaining recipients received the second (and final) round of treatment
 - Asymptomatic
 - Medical team conducted symptom survey
 - O&P test not recommended

Roles of Local and Regional Health Departments



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- Obtain missing information for CDC
- Communicate with organ procurement organizations
- Communicate exposure investigation information to facility infection prevention department
- Communicate prophylactic treatment recommendations to providers



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Key points

- CDC reaches out quickly
- Outreach important
- Often many jurisdictions involved
- Zoonosis and HAI overlap

Questions?