

Unilateral Lower Leg Elephantiasis Secondary to *Wuchereria bancrofti* Infection

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Clinical Image

Description: A 30yo male patient comes to the clinic in a rural area in Ecuador. He has not seen a physician in 10 years. The patient presents with unilateral non-pitting edema and deformity as seen in the image. What is the most likely diagnosis, how would it be confirmed, and the treatment options for this condition?

Answer: Most Likely diagnosis is lymphatic filariasis. which is a nematode infection caused worldwide by *Wuchereria bancrofti* and the mode of transmission is by female mosquito bite.

Diagnosis is confirmed by blood smear (giemsa stain) and Serology.

Treatment Options: Diethylcarbamazine (Drug of choice), Ivermectin (in endemic areas), Surgery in some complicated cases (hydrocele).

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