

Clinical-Medical Image

## Lymphatic Filariasis

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### Clinical Medical Image

**Description:** A 30 yrs 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 (hidrocele) [1].

**Keywords:** Filariasis; Edema; Nematode; Parasitic; Mosquito

### Acknowledgement

None.

### Conflict of Interest

None.

### References

Parasites - Lymphatic Filariasis. <https://www.cdc.gov/parasites/lymphaticfilariasis/treatment.html>

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