

LYMPHATIC FILARIASIS (Elephantiasis)

Commonly known as *elephantiasis* is a disease caused by a nematod parasite transmitted by mosquito.

Most cases of filariasis are caused by the parasite known as *Wuchereria bancrofti*. *Culex quinquefasciatus* and *Mansonia annulifera*, *Mn. uniformis* serve as vector for *W. bancrofti* in transmission of the disease. Another parasite called *Brugia malayi* also causes filariasis is transmitted by the vector *Mansonia*.

Vectors

Culex quinquefasciatus is the vector of *W. bancrofti* in the mainland. It breeds in association with human habitations and is the domestic pest mosquitoes, preferring polluted waters, such as sewage and sullage water collections including cess pools, cess pits and drains.

Signs and Symptoms

- Pain and swelling of the scrotum, legs and arms
- Fever, cough, chills and wheezing



Breeding sites

Destroy the sites where mosquito breeds



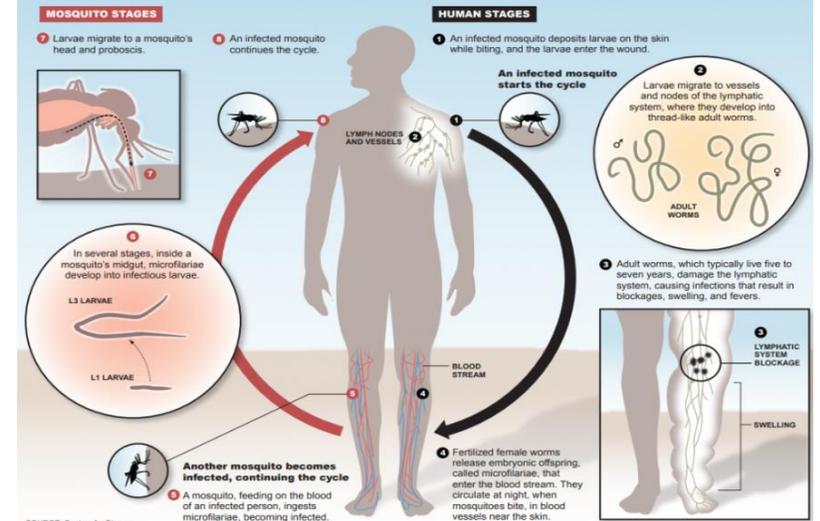
Culex quinquefasciatus



Mansonia annulifera



The Life Cycle of Lymphatic Filariasis



Mosquito Bite - Big Threat