

## Control of malaria (contd.)

Malaria can be controlled by the following measures:

1. Destruction of intermediate host: By spraying DDT, flit and other insecticides, the adult mosquito can be destroyed. Mosquito breed in stagnant water like ditches, pool, ponds etc. By filling up ditches and spraying water surface with kerosene oil or

other insecticides, the mosquito larvae can be killed. They can also be destroyed by introducing natural enemies like larvivorous fish (Gambusia).

(II) Prevention of infection: Use of mosquito nets and use of mosquito repellent cream like odonous etc. can be prevent the biting of mosquito. Besides, taking small dosage of preventive drugs (Quinine, Paludrine etc.) can prevent infection.

(III) Treatment of malaria: Antimalarial drugs like Quinine, chloroquine, Paludrine, Atabrin etc. can be used for the treatment of the patient.

Quinine is very against Schizont stages but is ineffective against erythrocytic stages except cryptozoites. Cryptozoites are immune to all types of antimalarial drugs. Recently the National Institute of Communicable Diseases (NICD), Delhi and the post Graduate Institute of Medical Education and Research, Chandigarh are engaged in developing antimalarial vaccines.