# The Malaria Crisis in Africa

More than 3,000 children die every day from malaria. One every 30 seconds. More than 500 million people get malaria several times a year. The disease is debilitating and stunts economic progress.

It is endemic in tropical places, but in wealthy countries malaria is no longer a serious health threat. Malaria can be controlled, but it has gone unchecked in most of Africa.

The reasons are many, but lack of funds, poor allocation of available funds and poor execution of programs have all contributed to the crisis.

Experts know enough about malaria and mosquitoes to achieve control, if not complete eradication. Malaria is a parasitic disease of the blood passed from person to person through mosquito bites.

# The IMMC Solution

The malaria parasite can be treated medically and the mosquito can be controlled with well known techniques of vector control. Integrated malaria and mosquito control is the optimum use of the following:

- 1. Community Programs
- 2. Case Management
- 3. Personal Protection
- 4. Integrated Vector Management
- 5. Scientific Data and Management Information

# **Plea for Support**

To give a tax deductible donation, please make check payable to IMMC and mail to: IMMC c/o Tr-Ac-Net Inc, 221 East 66<sup>th</sup> Street (4C)
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# **IMMC**



International
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## **Community Programs**

- 1. Education and training about malaria.
- 2. Community clean up
- 3. Structural improvements to reduce breeding sites
- 4. Local organization to collect data and measure progress.



# Case Management

- 1. Patient screening and diagnosis
- 2. Clinic facilities and staff
- 3. Medical supplies
- 4. Training
- 5. Admin and oversight
- 6. Data collection, analysis and communication



#### **Personal Protection**

- 1. Family use insecticides, coils, traps, etc.
- 2. Long lasting insecticide treated bednets (LLITN)
- 3. Interior residual spraying (IRS)



# Integrated Vector Management

- 1. Spatial and temporal data about mosquitoes: breeding sites, flight patterns, feeding routines, etc.
- 2. Use of larvacides to kill larva
- 3. Use of ULV insecticide spraying to kill adult mosquitoes: application in most cost effective manner aerial, ground vehicles or manual



# Scientific Data and Management Information

#### Scientific and technical data

- 1. Collecting data need for scientific analysis
- 2. Organizing data for local use
- 3. Getting data into national and international data systems
- 4. Doing analysis
- 5. Drawing conclusions for practical application in IMMC operations

### Management information

- 1. Make sure the accounting is solid.
- 2. How much did it cost?
- 3. What activities undertaken?
- 4. What results were achieved?
- 5. What best to do next?
- 6. What value realized relative to cost?
- 7. How does this compare to best?

The Goal is to Deliver Substantially Reduced Prevalence of Malaria at Least Cost Initially in Liberia, Kenya and Uganda

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Expertise includes entomology, malariology, chemical and logistical operations, application technology, information technology, planning, and financial control.