RAM Program: Breaking the cycle of infection

It’s a grass roots approach:

• Government & NGO collaboration
• LLIN bed nets
• Residual insecticidal spraying
• Rapid accurate diagnosis
• Effective treatment
RAM in Papua New Guinea

RAM has launched a private sector retail program to make nets & mosbar (mosquito-repellent soap) available.

The aim is to have at least one shop in each District selling affordable nets.

One net covers two people. It costs one day’s wage, and lasts three years.
RAM Program: Breaking the cycle of infection

- Education
- Engineering environments
- Controlling larvicide in breeding grounds
- Research: PhD Scholarship, vaccines
OUTCOMES

1. A large drop in reported malaria cases and deaths
2. A drop in the number of premature child births and increase in average birth weight
3. Huge reduction of anemia in pregnant women and newborn children
4. A reduction in the number of miscarriages
5. Improved economy, employment & education
Humans at risk:  >3 billion
Global infection rate:  228 million cases [WHO 2018]
Annual deaths:  405,000

67% of deaths are children under 5 years
CHASING MALARIA
Community Involvement

Picture 1. Sacred Heart Primary School Students going to Collect Larvae

Picture 2. Students Collecting Larvae at Barina Village, Bereina Station.

Picture 3. Students Participating in Land Filling Activity

Picture 4. Larvae House for Storing Larvae for Observation
Initial data from Chasing Malaria project showing malaria cases recorded in NCD and Hiri and Kairuku districts of Central Province.

The Realities Of Distributing Nets
RAM Focus Countries

Distributing nets in Timor Leste
~100 countries affected by Malaria in 2019
Bill Gates Quote

Mosquitoes kill more people in one day than sharks killed over the last 100 years.

Malaria is deadly.
Early treatment prevents the parasite entering the liver resulting in a lifetime of suffering.
• Malaria continues to decline, however lack of resources in recent years show increased cases.

• **RAM is supporting an application for a Rotary Global Grant to re-establish Indoor Residual Spraying.**
In 2020, RAM will help develop a Rotary Global Grant in West Timor.

West Timor (Indonesia)

In 2020, RAM will develop a Rotary Global Grant project to accelerate malaria elimination in the districts at the West Timor and Timor Leste borders, in Nusa Tenggara Timur (NTT) Province.

Map: West Timor is located in Nusa Tenggara Timur (NTT) province, Indonesia, in Rotary District 3420. RAM’s team of volunteers conducted Community Assessments in two villages (marked on the map) in each District of Malaka and Belu, West Timor. The NTT province showed progress in its malaria incidence (graph below).
On behalf of the 228 million people who contract Malaria each year

Thank you
Rotarian’s Against Malaria [RAM]

Yumi Rausim Malaria
PNG National Malaria Control Program
Thank You Very Much
Tenk Yu Tru
Tanikiu Bada Herea