

Rotary Club of Key Biscayne & District #6990

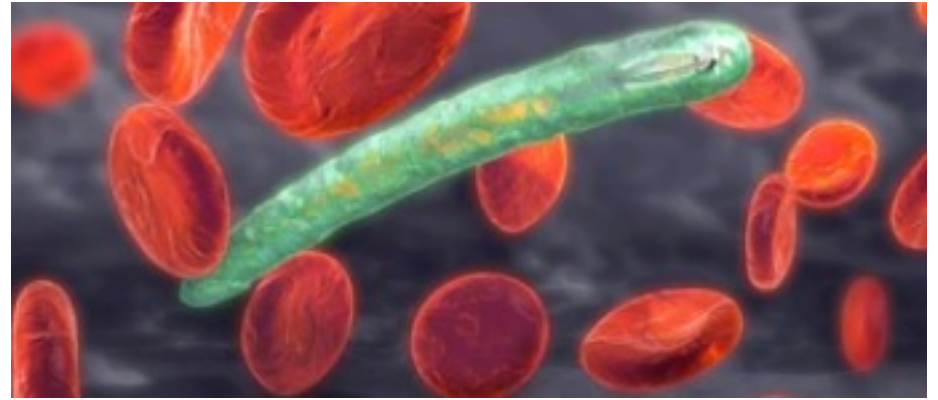
Partnership with Rotary
Clubs in Venezuela, Peru &
Colombia has delivered
over 100,000 lifesaving
treated bed-nets to
indigenous people.

Our work continues in
Venezuela today



Malaria is caused by the Plasmodium parasite

Plasmodium needs both humans & Anopheles mosquitoes to survive & reproduce

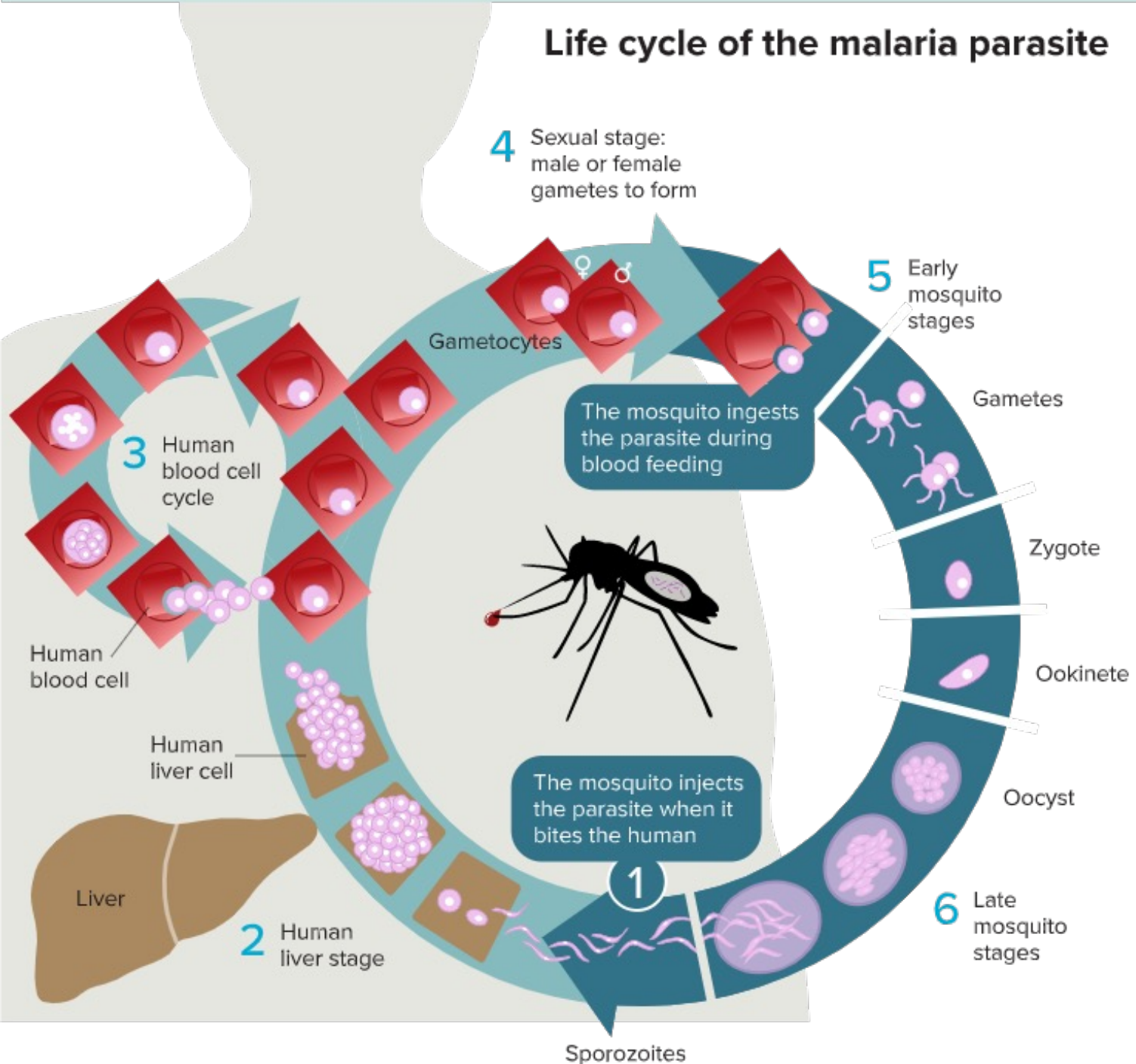


Anopheles mosquitoes
prime malaria vector

The bite of an infected Anopheles mosquito is the **only** way to get malaria

There is no effective vaccine against malaria

Life cycle of the malaria parasite



THE MALARIA LIFECYCLE

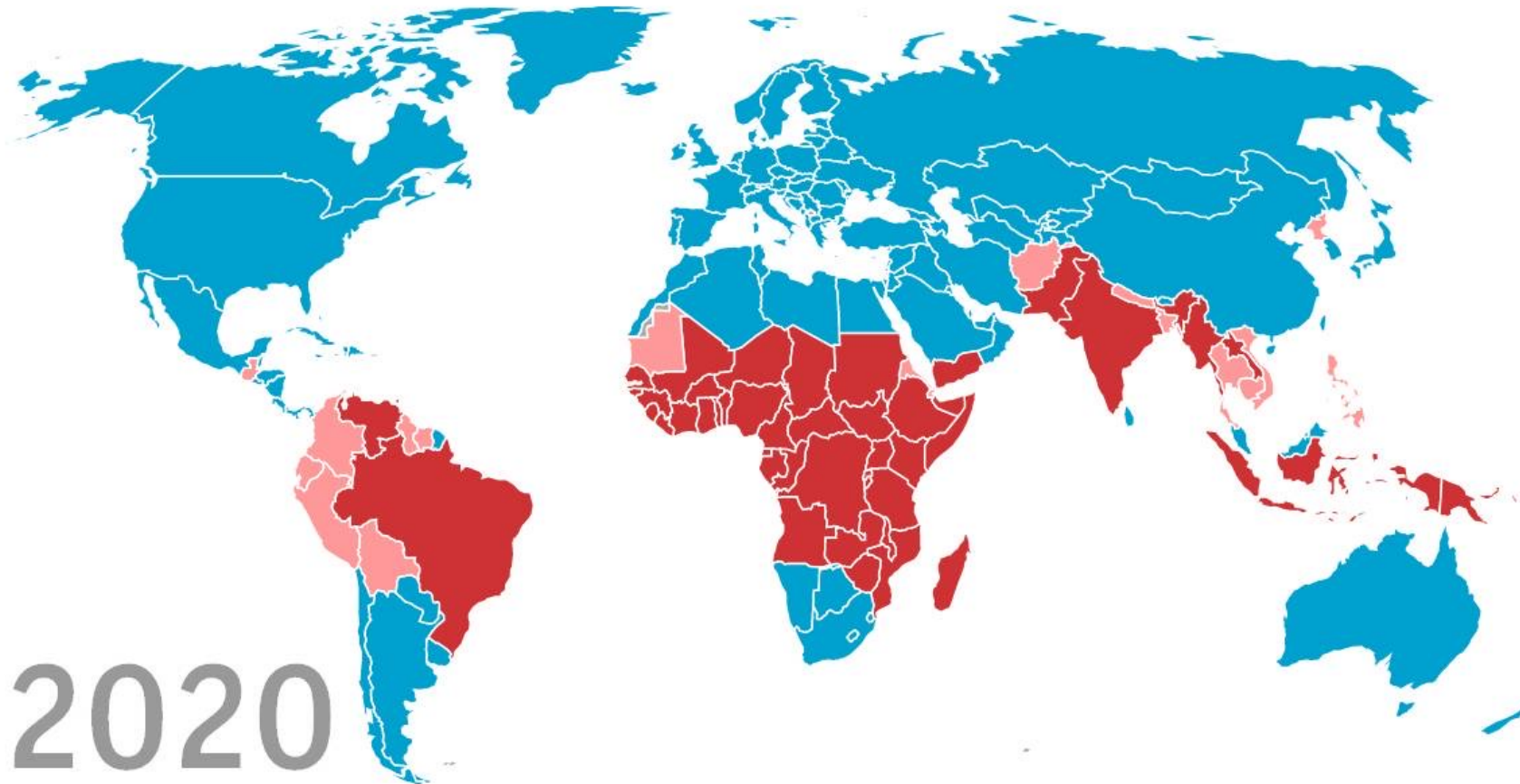
Malaria involves cyclical infection of humans and female *Anopheles* mosquitoes.

In humans, the parasites grow and multiply first in the liver cells and then in the red cells of the blood. In the blood, successive broods of parasites grow inside the red cells and destroy them, releasing daughter parasites (“merozoites”) that continue the cycle by invading other red cells.

https://www.youtube.com/watch?v=A2-XTIHBf_4

Malaria is a Tropical Disease - worst in Africa but endemic around the World

■ No data ■ No transmission ■ Controlling malaria ■ Eliminating malaria



Source: Malaria Elimination Initiative, UCSF; Gates Foundation

Forecast. Mapped on modern borders

Since 2000, malaria has killed approximately 18 million people worldwide

Most deaths – children under 5 years old & pregnant women but malaria can kill anyone who gets it.

Worst year: 1.6 million deaths - 2004
Latest data: 400 thousand deaths - 2019

Poor people, who live in medically underserved places are most vulnerable to death from malaria

The majority of people who die from malaria live in Africa



Malaria affects the poor most severely.

People living in very poor housing, poor sanitation and lacking in medical care

Sick parents can't work and feed their family.

Children under 5 & pregnant women most vulnerable.

Malaria affects the cognitive development of children under 5 years of age.



Proven strategies for Rotarians to fight malaria

PREVENTION

Long lasting Insecticide treated bed-nets (LLINs)

Indoor residual wall spraying & Vector control

DIAGNOSE & TREATMENT

- Diagnosis using Rapid Tests (RDT) or microscopy
- Treatment using appropriate ACT drugs (*Artemisinin-based combination therapy*)

Community Health Workers

- Training, equipping & deploying Community Health workers

Mosquitero Project Venezuela

2011 -2012 Matching Grant #75905

Delivered 1500 bed-nets

2013 – 2015

Global Grant #1411141

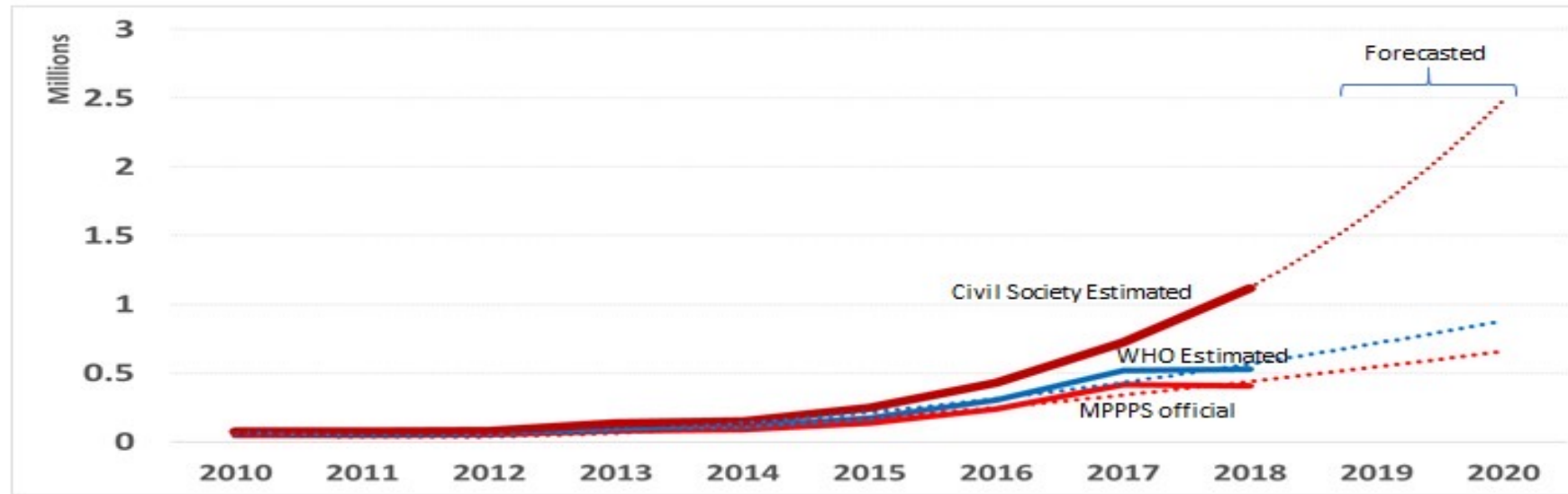
is delivering **6000** bed-nets

2017 – 2018

Global Grant #1528880

To deliver 67,595 bed-nets

Malaria cases in Venezuela 2010-2020



Source: WHO Malaria Report 2018, Venezuelan Ministry of Health (MPPPS), Civil Society organizations



Typical gold mine in Sifontes municipality, Bolivar State



miner's temporary housing



GG#1528880 – VENEZUELA

67,595 bed-nets delivered – 135,000 people protected

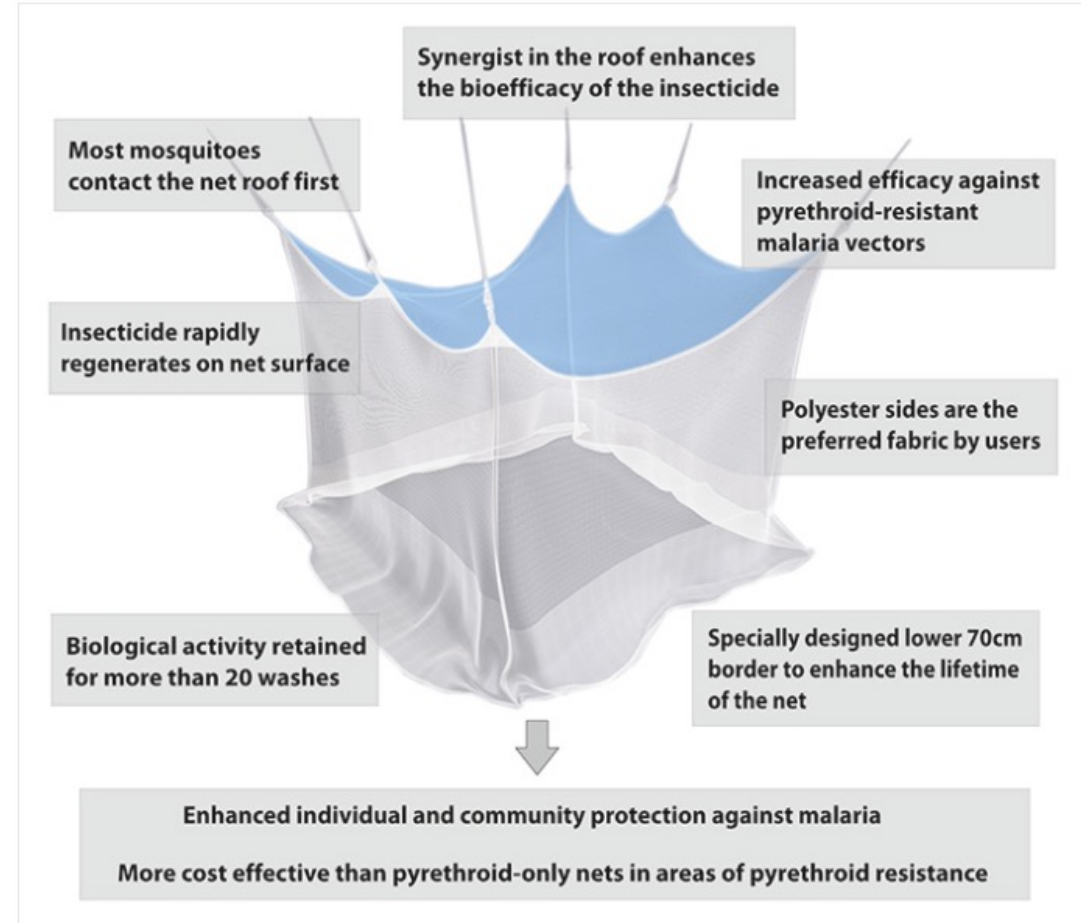
Rotary Global Grant #1528880 paid to move 67,595 LLIN bed-nets donated by Vestergaard to Puerto Ordaz, Venezuela.



Anopheles Darlingi, bites at night

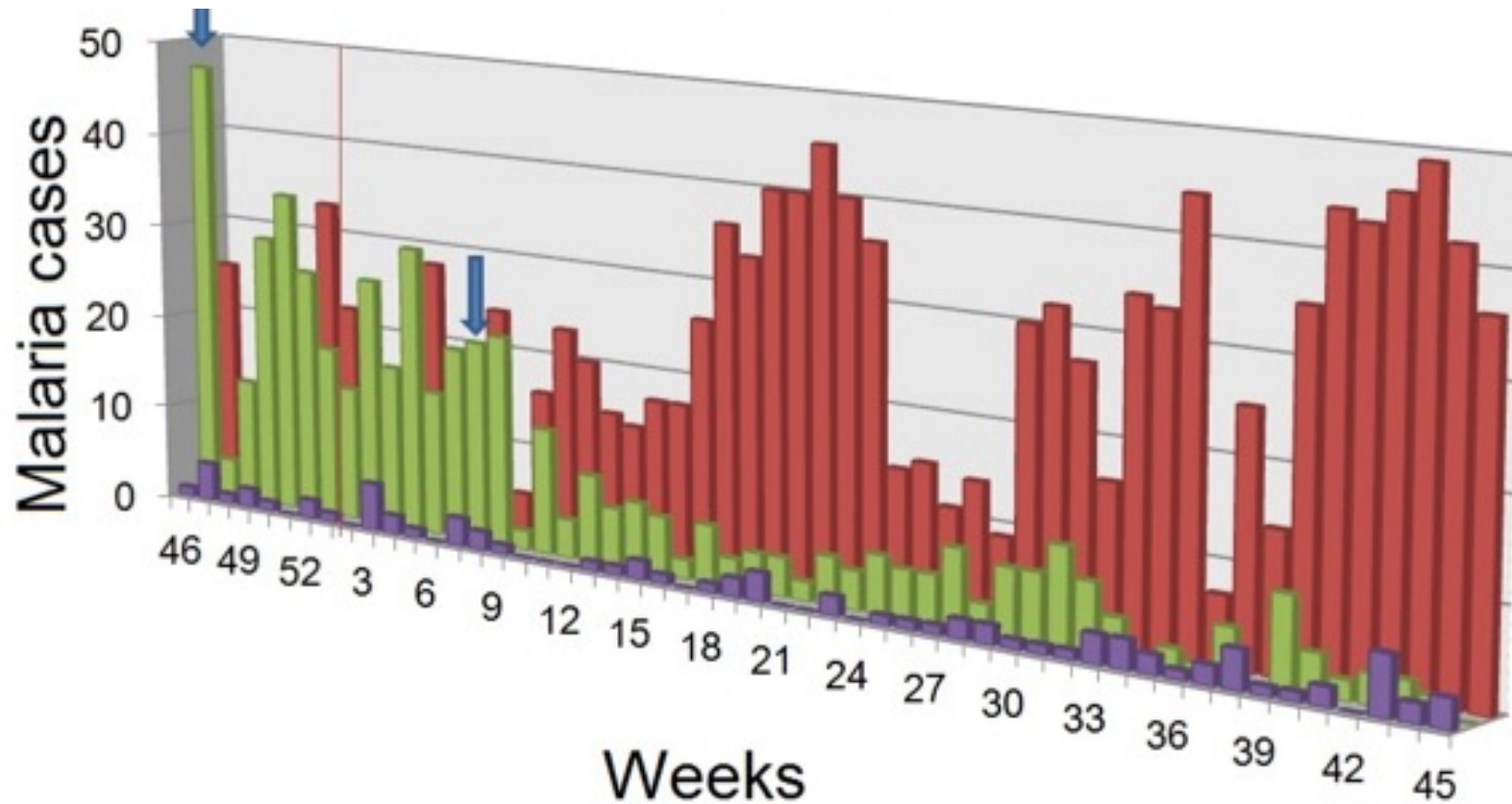


Sleeping under the protection of an LLIN mosquitero prevents the bite of infected mosquitos



Rotary LLIN bed-nets distributed in village of Apanao, Sifontes Municipality, Venezuela

Sustained reduction in new malaria infections – 83%



Home of Host Rotary Club Puerto Ordaz.

Mosquiteros are stored here during distribution

Las Claritas HQ for MSF-V responsible for distribution in south Sifontes and north Gran Sabana



Tumeremo HQ for Dr. Moreno & the IAES

Central Sifontes area where our mosquiteros are distributed by Dr Moreno & his IAES team



Rotarian developed handout for **Community Healthcare Workers to use**

Rotary  **VESTERGAARD**  **PermaNet[®]** 
IMPACTING PEOPLE 3.0 | by VESTERGAARD

PROYECTO MOSQUITERO



01 VENTILAR
Antes de usar por primera vez se debe ventilar a la sombra por 24 hs.
24 HORAS

02 ATAR
Mediante cuerdas, ate las cuatro esquinas del mosquitero.

03 LAVAR
Lavar a mano con agua y jabón. Evitar lavar más de una vez al mes.
1 VEZ AL MES

04 SECAR
Después de lavar a mano, colocar en un lugar con sombra para secar.

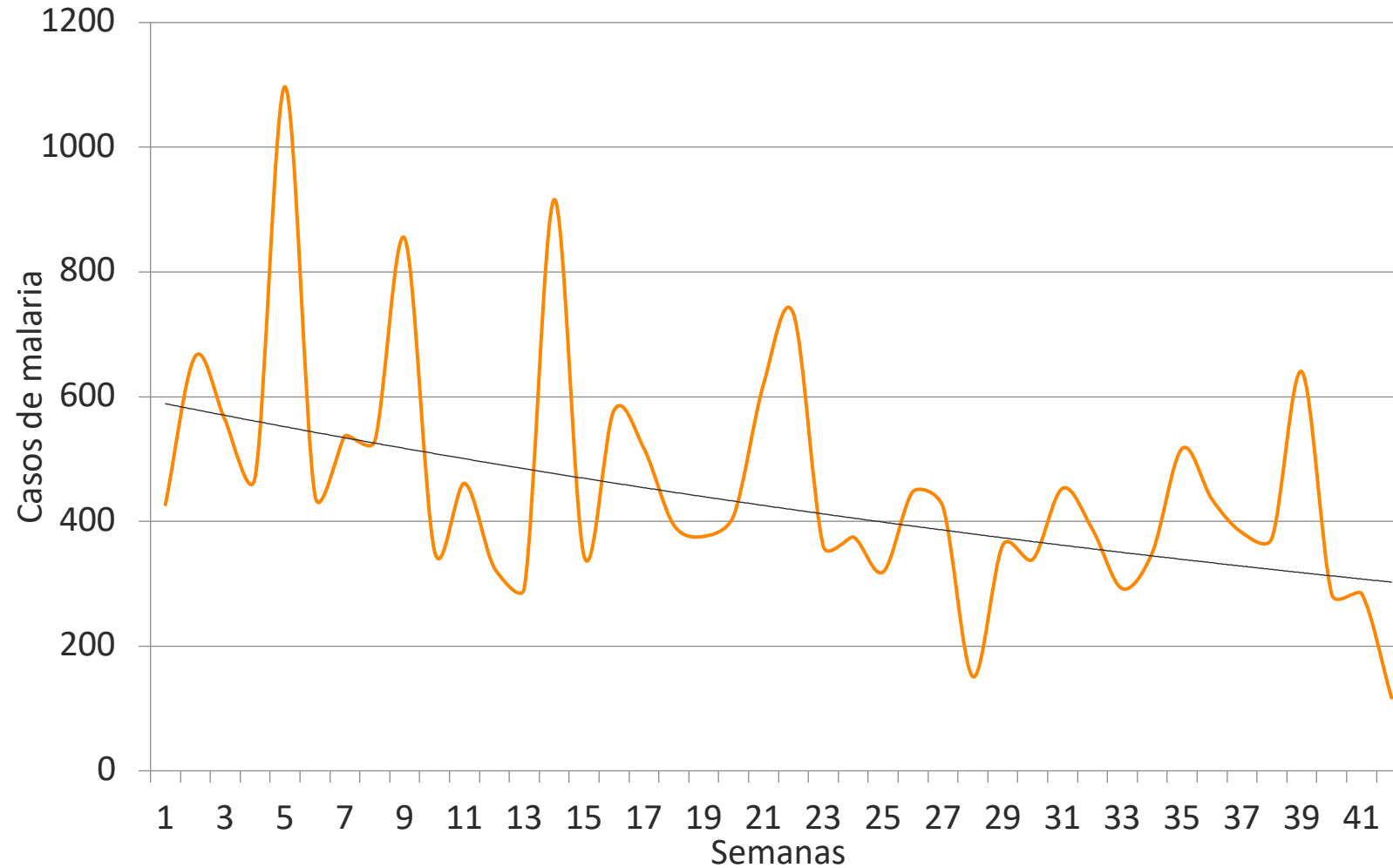
05 NUNCA
Nunca colgar el mosquitero bajo el sol.

06 PROHIBIDO
No usar cloro, detergentes ni cepillos.

07 COSER
En caso de la apertura de un agujero coser a mano con aguja e hilo.

 **SÉ LA INSPIRACIÓN**

MALARIA SIFONTES 2019



Blood-smears processed by CIC Vitanza (2015-2019)



	2015	2016	2017	2018	2019*
Total slides	23.292	30.843	45.668	36.640	17.032
Positives	9.595	14.284	25.415	19.680	5.952
<i>P. vivax</i>	5.144	6.869	10.302	8.441	2.329
Relapses	3.186	4.737	7.241	4.189	1.740
<i>P. falciparum</i>	1.138	2.439	5.156	4.723	1.122
Recrudesc	67	122	446	388	75
Mixed	60	117	488	563	261

* Last updated: November 2019

As a result of early and appropriated treatment as well as the significant distribution of LLINs (2019), particularly in the hotspot, malaria has shown an important regression in Bolivar state during this year

Global Fund for HIV, Tuberculosis & Malaria gave 5 million USD to Venezuela to fight malaria



The Venezuelan Government spent all the money to buy 700,000 LLINs, including 350,000 hammock style nets for indigenous



No money was set aside for distribution.

We formed a coalition to obtain nets and pay for distribution to indigenous people



Partnership for LLIN distribution in Venezuela funded by District Grant #13289



Eglee Zent - PHD,
Venezuelan Institute for
Scientific Research/ IVIC
Human Ecology Lab,
Anthropology Center.

Belkis Arreaza & husband
Henry Valero – Club
Rotario La Lagunita-El
Hatillo, D4370, Venezuela



Patty Bao – Senior Officer,
Global Health, United
Nations Foundation

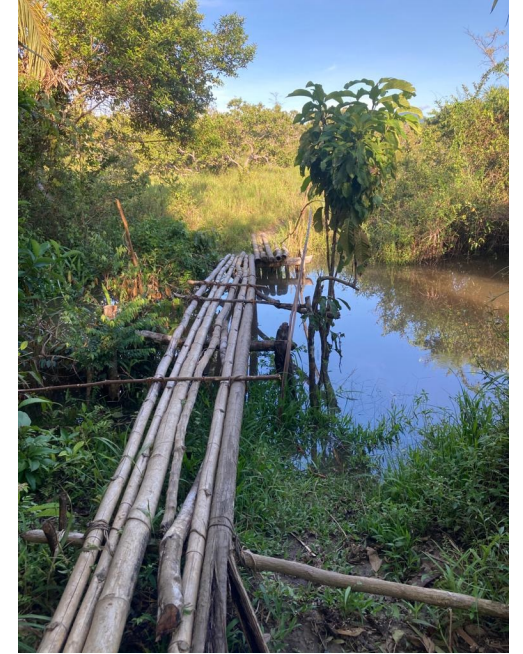


Steve Baker – Rotary Club of Key
Biscayne D6990, South Florida



Dr Eglee Zent delivers to Joti people

Kayama, Bolivar State,
November 3 2022



Rotary Club of La Lagunita-El Hatillo work with Fundacion Nautica to deliver nets to Warao people in the Delta Amacuro



**Operativo Médico,
Odontológico y Social**

14, 15 y 16
OCTUBRE
2022

Comunidades Indígenas:
Piedras Preciosas
Morocoto
Guacara

Únete a dar
UNA MANO Amiga
a orillas del Río

Homenaje a
CAP. EDUARDO AVILA
"GRILLO"

Salida 9:00 am.
Marina del Club Náutico Caroní

Inf. 0424-9614786

A collage of photos showing children and a boat. The top photo shows a child carrying a net. The middle photo shows a group of children. The bottom photo shows a man in a boat.

VENEZUELA



REGION DE GUAYANA





Global Grant #2123404

Eliminate Malaria in San Cipriano, Cordoba, Zaragoza

UNOPI 8 Buenaventura, Colombia.



Difficulties presented - Changes in the Schedule

May 2022 Security problems arose in the area due to confrontation between armed groups.

It is decided to suspend the development of the project until after August 7 (inauguration of the new president of Colombia)

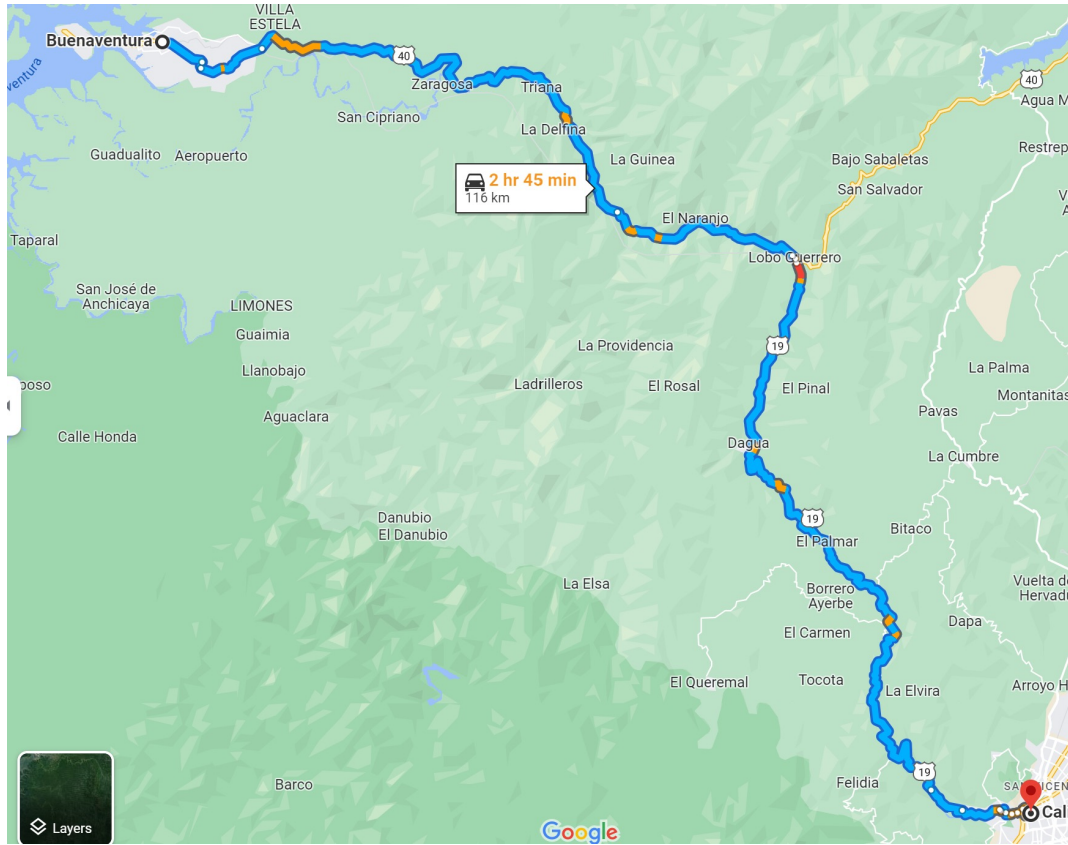
October 2022 Damage to the access road caused by the abnormal rainy season in the region that hinders access to the area

It is decided to suspend the development activities of the project until January 2023

Import of LLIN bed-net - BASF

Although collaboration was achieved from the APC (Presidency Agency for International Cooperation) and BASF (it will assume import expenses), it is necessary to obtain a sanitary permit from INVIMA or that BASF Química Colombia carry out the import

2.5 hour drive now take 10 to 15 hours



2.021	2022						2.023			
DIC	MAY	AGO	SEP	NOV	DIC	ENE	FEB	MAR	ABR	

Characterization of communities and contact with authorities

Import preparation and support

Storage and distribution awnings

Awnings distribution logistics

Fumigation supply and coordination

Awareness

training preparation

Training and awareness

Microscopes Training

Fumigation

Elimination of larvae

Objective and Means

Mosquito nets

Fumigation

Education/
Awareness

Waterpools
Treetmanys

Detection /
Microscopes

Eradication



Launch in Córdoba – February 23

Medical consultation
Dentistry
Cytology
Vaccination
Malaria test
Optometry
Children's games
Videos and talks about
Malaria
Possibly Cardiology

Health day organized by the Rotary Club of
Buenaventura

With the support of :

Bonaventure Hospital
Buenaventura District Health Secretary
Rotary Clubs of Cali

Beginning of training for children and adults on malaria

- What is malaria?
- Malaria impacts
- How to fight



Join Ram-Global!

**TOGETHER WE CAN
END MALARIA
IN OUR LIFETIME**



Join us at the **Two-day Malaria Congress**

25 / 26 May 2023, Melbourne



**Register now
from your phone**

**Proudly brought to you by
Rotary and International Partners**



**Rotarians
Against Malaria
Finish the Fight**



Keynote Speaker

Lady Roslyn Morauta

Vice Chair of the Global Fund

Past Grant Recipients



Malaria Intervention Project In Muheza District

Rotaractor Granted to: Rotaract Club of KCMC - sponsored by Rotary Club of Moshi
in the amount of: \$1000 USD Serving: Muheza District, Tanga, Tanzania



Rotary Club Of Bamako Ouest (Together With All Rotary Clubs Of Mali)

Rotary Club Granted to: Rotary Club of Bamako Ouest in the amount of: \$1000 USD
Serving: Bamako and Dinfara, Mali



Rotary Club Of Moshi MAD – Malaria Awareness Day

Rotary Club Granted to: Rotary Club of Moshi in the amount of: \$1000 USD
Serving: Tanzania



Rotary Malaria Project Liberia

Rotary Club
Granted to: Rotary Malaria Committee of Liberia in collaboration with Rotary Clubs of Liberia
in the amount of: \$1000.00 USD Serving: Liberia



Supporting Rotary Club Of Dar Es Salaam Oysterbay's Annual Medical Camp Program

Rotary Club Granted to: Dar as Salaam Oysterbay Club in the amount of: \$1000 USD





Happy Graduates October 2019, Ndola, Copperbelt Province, Zambia. 2019



Rotary

**ROTARIANS AGAINST MALARIA - GLOBAL
ROTARY ACTION GROUP**

Eradicate malaria from the
face of the earth

 ram-global.org

 info@ram-global.org



