



Government  
of Namibia



ELIMINATION 8

ANGOLA - BOTSWANA - MOZAMBIQUE - NAMIBIA  
SOUTH AFRICA - SWAZILAND - ZAMBIA - ZIMBABWE



Governo  
de Angola

# ELIMINATING MALARIA

ANGOLA – NAMIBIA CONSORTIUM



J.C. FLOWERS  
FOUNDATION



# WELCOME TO THE HEALTH FACILITY/CLINIC

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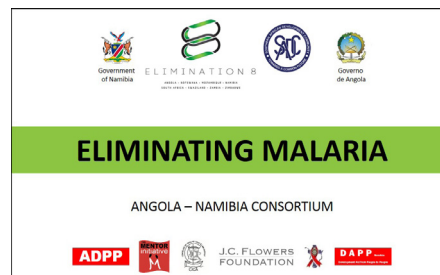
EXPLAIN  
EVERYTHING  
ABOUT HOW  
YOU FEEL TO  
THE HEALTH  
CARE WORKER



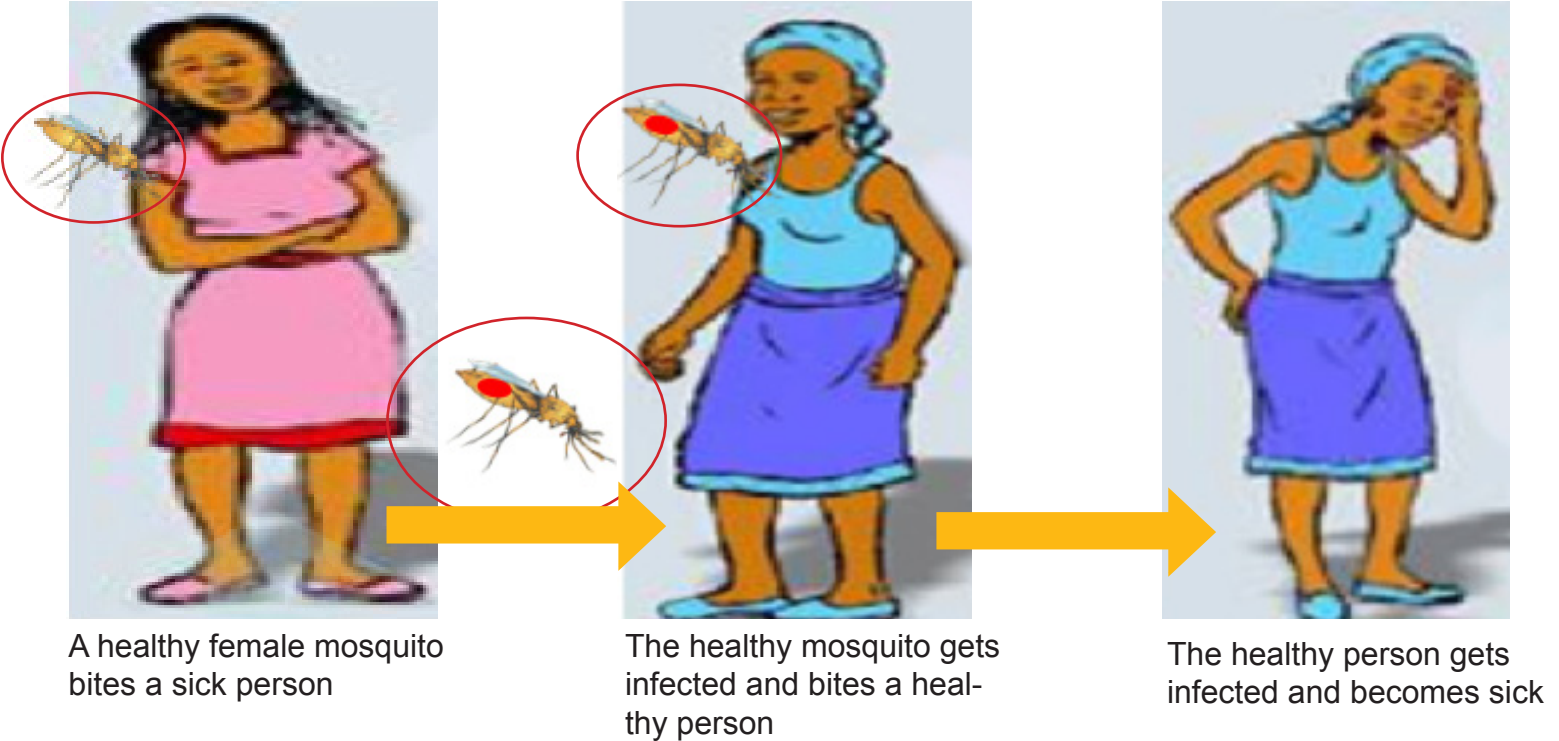


# GUIDELINES AND STANDARDS OF CONDUCT FOR THE DIAGNOSIS AND TREATMENT OF MALARIA

- Classical Clinical Presentation of Malaria
- Differential Diagnosis of Simple Malaria and Other Febrile Diseases
- National Protocol for the Treatment of Simple Malaria



# HOW IS MALARIA TRANSMITTED?



**PROTECT YOURSELF AGAINST MOSQUITO BITES**

# CLASSICAL CLINICAL PRESENTATION OF MALARIA

Anaemia

Fever  
( $>37.5^{\circ}\text{C}$ )

Headache

Muscle and  
joint pain

Nausea/  
Vomiting and/or  
diarrhea

Sweating

Shivering

Chills

Stomach/  
Abdominal  
pain

Appetite  
loss and thirst

Fatigue



# CLASSICAL AND COMMON SYMPTOMS OF MALARIA

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Fever and  
headache



Shivering  
and fatigue



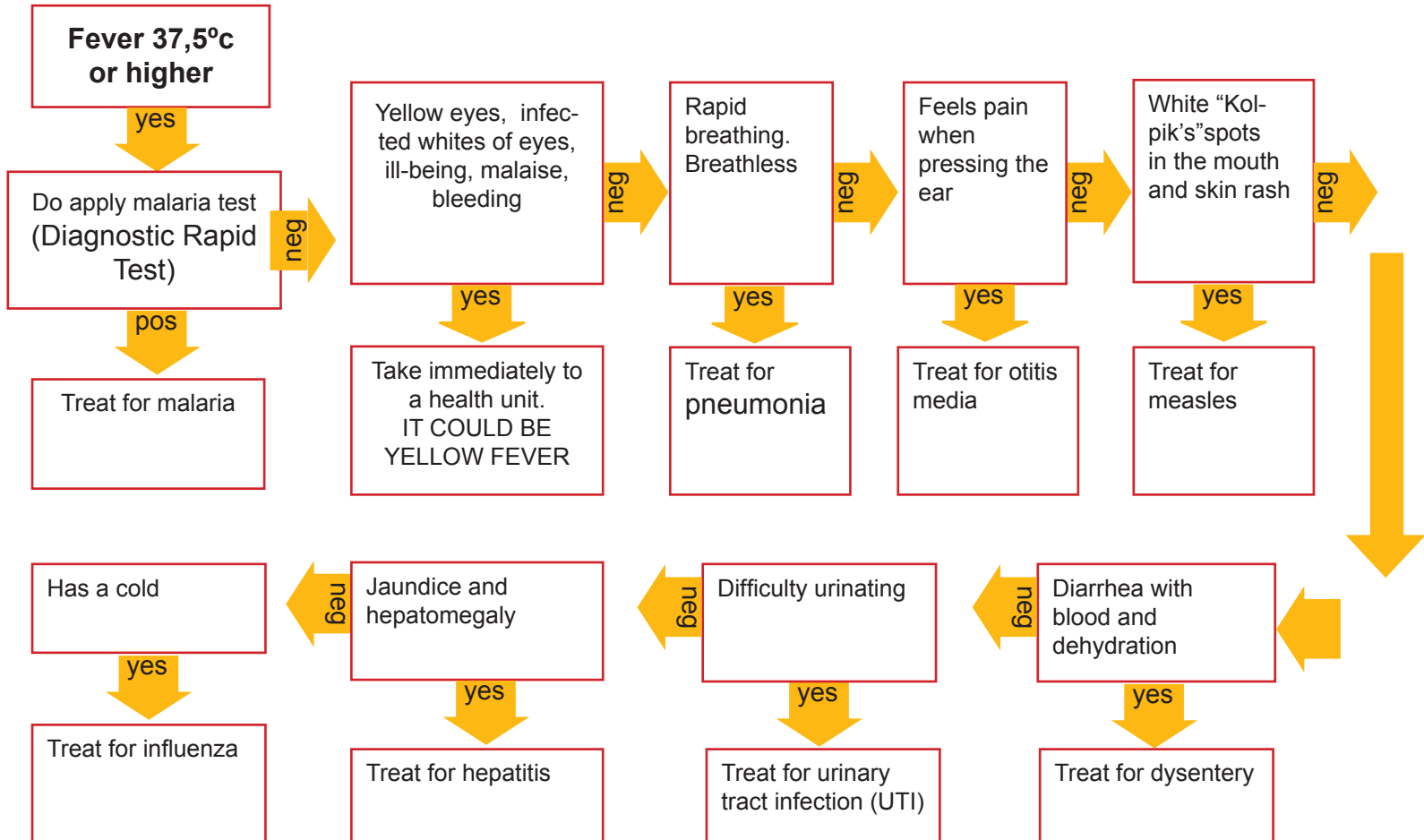
Nausea and  
vomiting



Muscular and  
joint pain

IF ANY OF THESE SIGNS OR SYMPTOMS APPEAR,  
GO STRAIGHT TO THE CLINIC

# PROTECT YOURSELF AGAINST MOSQUITO BITES



# THIS MAY BE MALARIA

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A RAPID TEST CAN HELP CONFIRM MALARIA



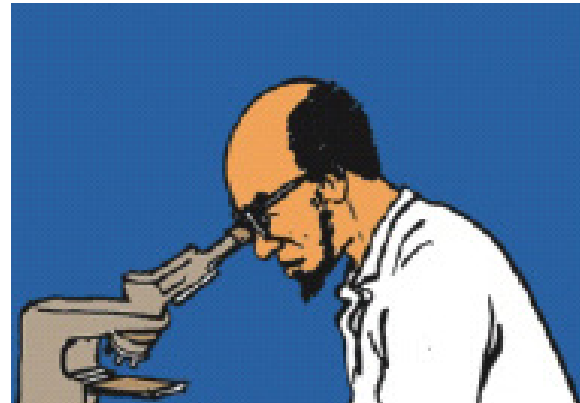
# MALARIA DIAGNOSIS

## Confirmation of the Diagnosis



Rapid Diagnostic Test  
(RDT)

Plasmodium blood test  
(thick smear)



NATIONAL POLICY GUIDELINES FOR THE TREATMENT OF  
CONFIRMED DIAGNOSIS

# AUTHORIZED MEDICINE FOR THE TREATMENT OF MALARIA IN NAMIBIA

## UNCOMPLICATED MALARIA

### TREAT WITH:

1. ARTEMETHER LUMEFANTRINE (AL, ACTs, ARTEFON OR COATEM).  
FIRST-LINE TREATMENT FOR UNCOMPLICATED MALARIA + PRIMAQUINA.

2. ORAL QUININE 10MG/kg (FOR PREGNANT WOMEN IN FIRST TRIMESTER AND CHILDREN LESS THAN 2.5kg).

3. PRIMAQUINE - LOW DOSE + ALL EXCEPT PREGNANT WOMEN AND CHILDREN LESS THAN 1 YEAR.



COMPLICATED/ SEVERE MALARIA REFER IMMEDIATELY TO HOSPITAL



# NATIONAL PROTOCOL FOR THE TREATMENT OF MALARIA

## SIMPLE MALARIA:

➔ Arteméter + Lumefantrina/AL (Fixed Dose)/Coartem + Primaquine

Observation:

- This is the medicine used at E8 health posts
- In the event of severe malaria, the health care worker should give pre-referral treatment and transfer the patient straightaway to a hospital





GOVERNMENT  
OF NAMIBI

IF IT IS SEVERE MALARIA SHOULD BE REFERRED  
IMMEDIATELY TO NEAREST HOSPITAL





# NATIONAL PROTOCOL FOR THE TREATMENT OF MALARIA

## PRE- REFERRAL OF SEVERE MALARIA CASES

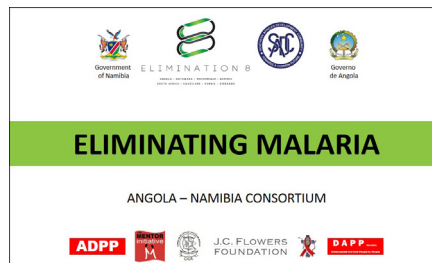
If the patient is diagnosed with Severe Malaria in a Clinic or Health Facility, administer:

- IMI artesunate 2,4mg /kg for 20kg or more, 3,0mg /kg for less than 20kg



Paracetamol for fever

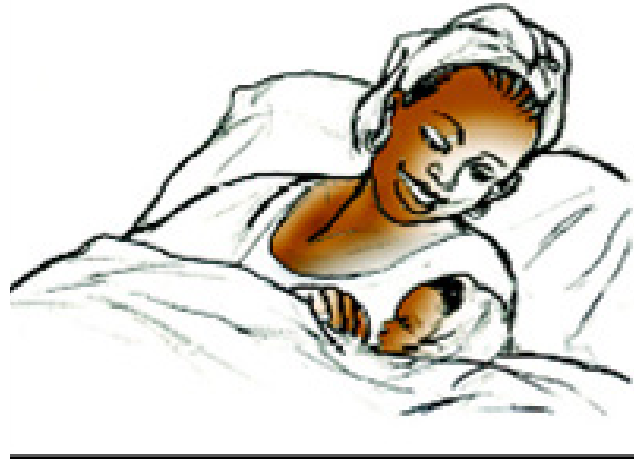
All patients who arrive at the clinic with severe malaria should be sent immediately to the nearest referral hospital.



# MALARIA IS COMMON AMONG CHILDREN

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ENSURE THE CHILD  
TAKES ALL THE ME-  
DICINE PRESCRIBED  
BY THE HEALTH  
WORKERS



# SCHEDULE OF TREATMENT WITH ARTEMÉTER + LUMEFANTRINA (20 MGS/120 MGS)

Weight	Age	N° of pills/dose <sup>1</sup>	Total N° of pills. <sup>2</sup>
2,5 - 4,9 kg	< 3 years	1/2 pills	6 1/2 pills
5-14 kg	3 - 8 years	1 pill.	6 pills
15-24 kg	>9– 14 years	2 pills.	12 pills.
25-34 kg	>14 years	3 pills.	18 pills
> 35 kg	> 15 years	4 pills.	24 pills

<sup>1</sup>N° of pills per dose administered twice daily over 3 days

# MALARIA PREVENTION



ALWAYS SLEEP UNDER AN INSECTICIDE TREATED  
MOSQUITO NET TO PROTECT YOURSELF AND YOUR  
CHILD AGAINST MALARIA



# METHODS FOR MALARIA PREVENTION

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- USE LONG LASTING INSECTICIDE TREATED MOSQUITO NET
- USE MILLIMETRIC NETS ON DOORS AND WINDOWS
- FURMIGATION / AND ALL INDOOR RESIDUAL SPRAYING
- IEC (INFORMATION, EDUCATION AND COMMUNICATION)
- ANTILARVAL FIGHT WITH BIOLARVICIDE AND BURNED OIL
- SANITATION OF THE ENVIRONMENT



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