

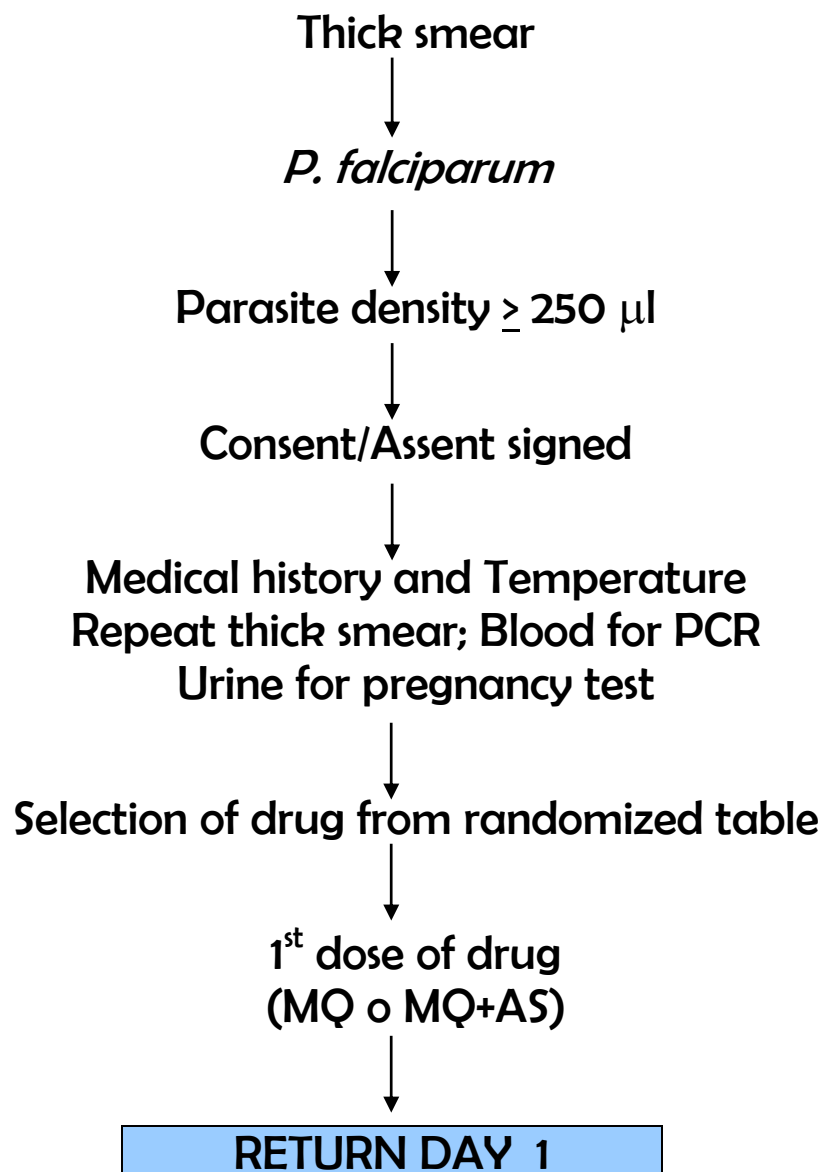


Amazon Network for the Surveillance of  
Antimalarial Drug Resistance  
(RAVREDA)  
in collaboration with the Ministry of Health



**Flow Diagram:**  
Efficacy and Safety of Mefloquine and  
Mefloquine-Artesunate Combination Therapy for  
the Treatment of Uncomplicated *Plasmodium*  
*falciparum* Malaria

## DAY 0 DAY OF ENROLLMENT



**DAY 1**

**Medical History and Temperature**

Condition stable or improving

Signs/Symptoms of severe malaria

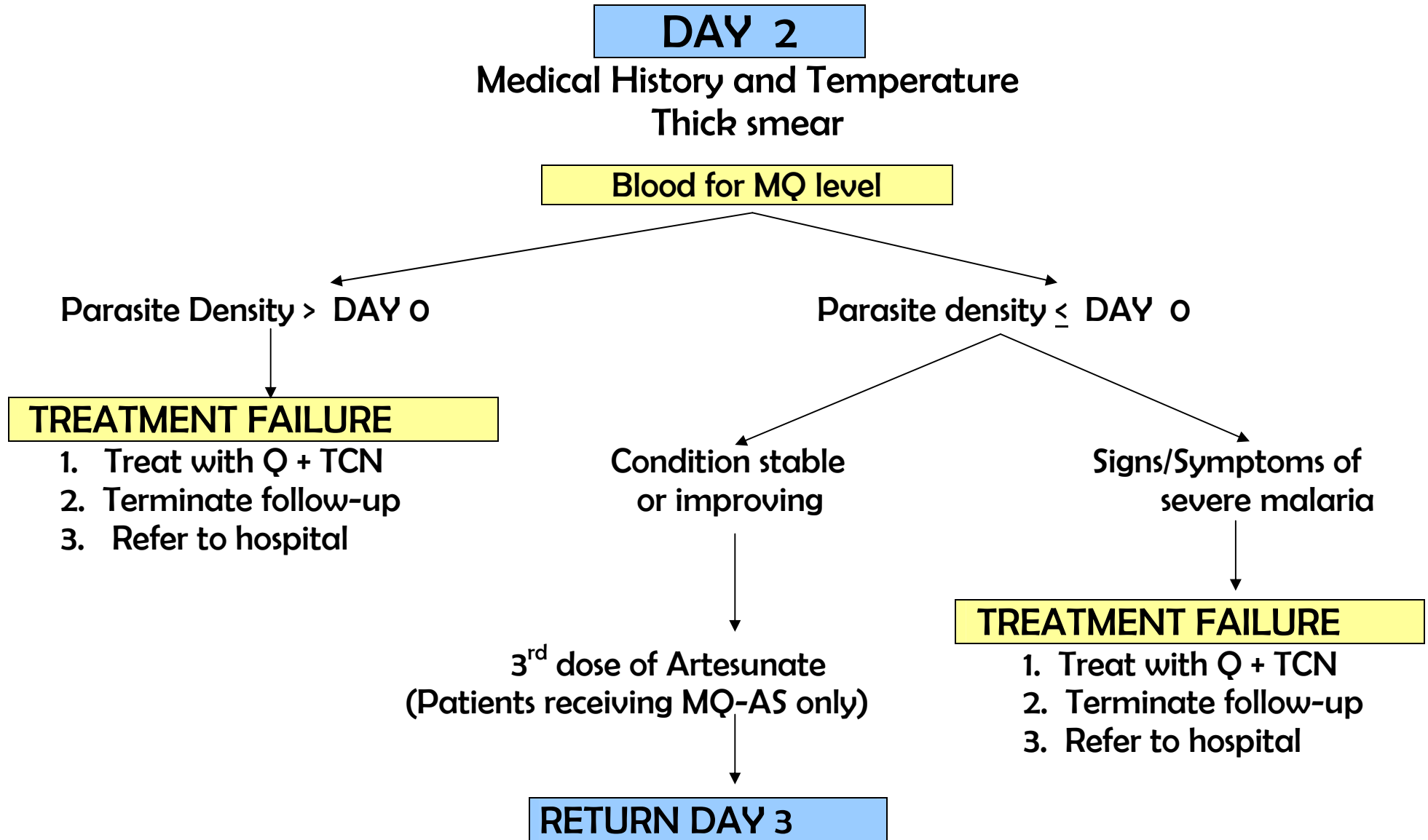
Thick smear

2<sup>nd</sup> dose of MQ + AS

**TREATMENT FAILURE**

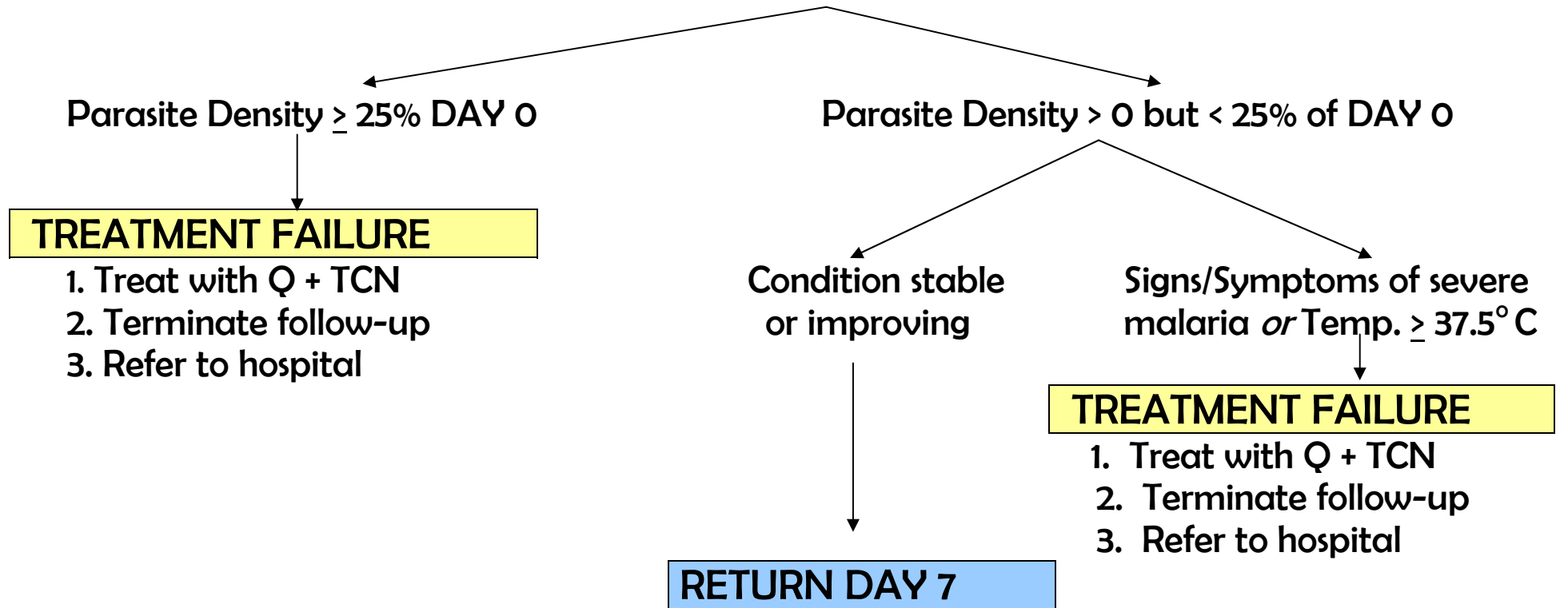
1. Treat with Q + TCN
2. Terminate follow-up
3. Refer to hospital

**RETURN DAY 2**



**DAY 3**

Medical History and Temperature  
Thick smear



**NOTE:** If the thick smear is positive, continue taking thick smears daily until becomes negative.

**DAY 7**

Medical History and Temperature  
Thick smear

Thick smear **POSITIVE**

Thick smear **NEGATIVE**

**TREATMENT FAILURE**

1. Blood for PCR
2. Treat with Q + TCN
3. Terminate follow-up

Temperature  $\geq 37.5^\circ$

Temperature  $< 37.5^\circ$

Examine for other illnesses

**RETURN NEXT DAY**

**RETURN DAY 14**

**DAY 14**

Medical History and Temperature  
Thick smear

Thick smear **POSITIVE**

**TREATMENT FAILURE**

- 1. Blood for PCR
- 2. Treat with Q + TCN
- 3. Terminate follow-up

Thick smear **NEGATIVE**

Temperature  $\geq 37.5^{\circ}$

Examine for other illnesses

**RETURN NEXT DAY**

Temperature  $< 37.5^{\circ}$

**RETURN DAY 21**

**DAY 21**

Medical History and Temperature  
Thick smear

Thick smear **POSITIVE**

Thick smear **NEGATIVE**

**TREATMENT FAILURE**

1. Blood for PCR
2. Treat with Q + TCN
3. Terminate follow-up

Temperature  $\geq 37.5^\circ$

Temperature  $< 37.5^\circ$

Examine for other illnesses

**RETURN NEXT DAY**

**RETURN DAY 28**

**DAY 28**

Medical History and Temperature  
Thick smear

Thick smear **POSITIVE**

Thick smear **NEGATIVE**

**TREATMENT FAILURE**

1. Blood for PCR
2. Treat with Q + TCN
3. Terminate follow-up

Temperature  $\geq 37.5^{\circ}$

Temperature  $< 37.5^{\circ}$

1. Examine for other illnesses
2. Terminate follow-up

Terminate follow-up