27es JNI 2026 PARIS
et la région Ile de France
Palais des Congrès
Journées Nationales d'Infectiologie
du jeudi 18 juin au samedi 20 juin 2026
Journée Nationale de Formation des Paramédicaux en Infectiologie
Vendredi 19 juin 2026

CUREMA
Vers l'élimination du paludisme dans une population mobile et éloignée des soins

Alice Sanna, Thi Thuan Nguyen, Martha Suárez-Mutis, Lorraine Plessis, Teddy Bardon, Marion Petit-Sinturel, Raphaëlle Le Querriou, Stephen Vreden, Yann Lambert, Maylis Douine

Déclaration d'intérêt de 2014 à 2025

- Intérêts financiers : aucun
- Liens durables ou permanents : aucun
- Interventions ponctuelles : aucunes
- Intérêts indirects : aucuns

PLAN RÉGIONAL D'ÉLIMINATION DU PALUDISME EN GUYANE

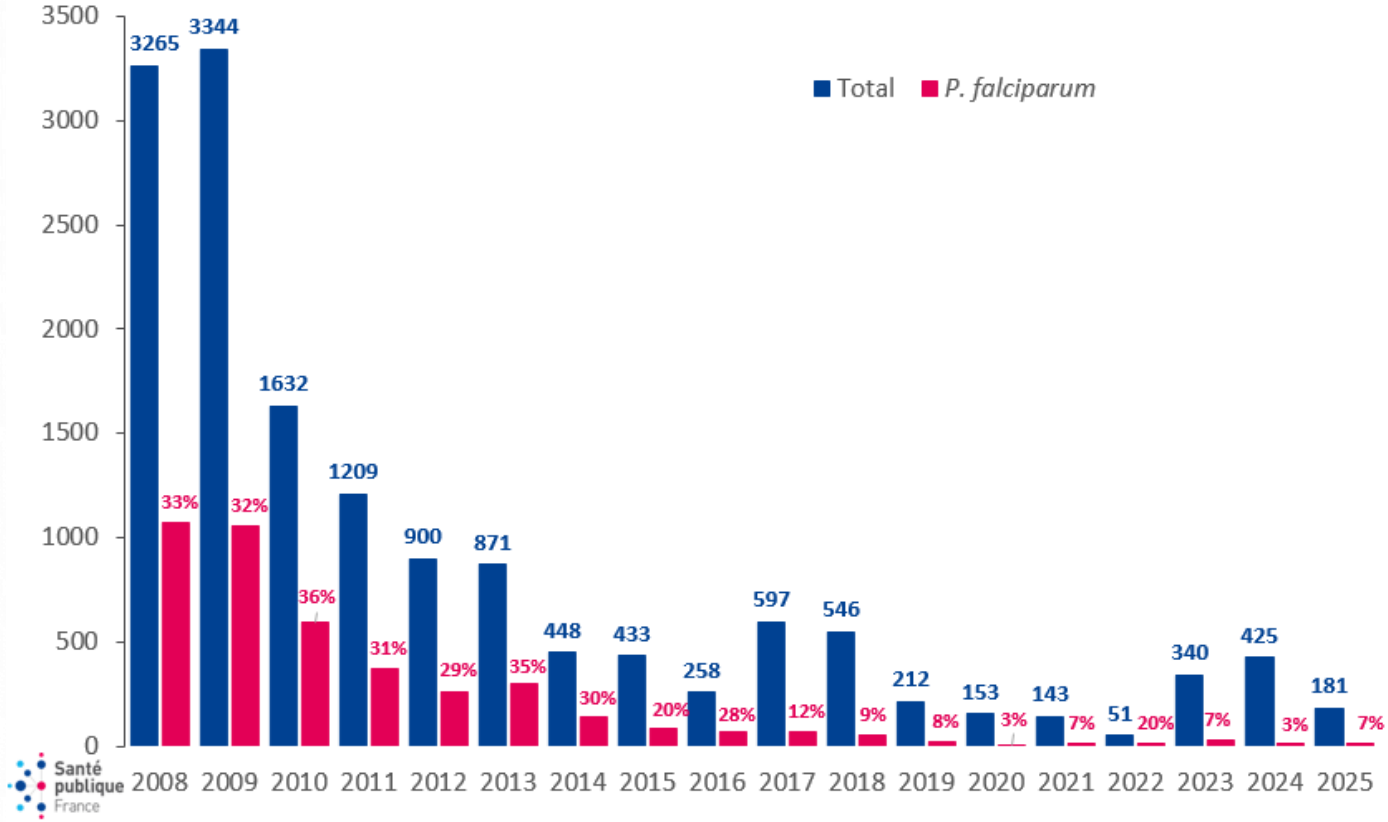
2026-2030

MINISTÈRE DE LA SANTÉ ET DE LA PRÉVENTION

OPS Organisation panaméricaine de la Santé — Organisation mondiale de la Santé Amériques

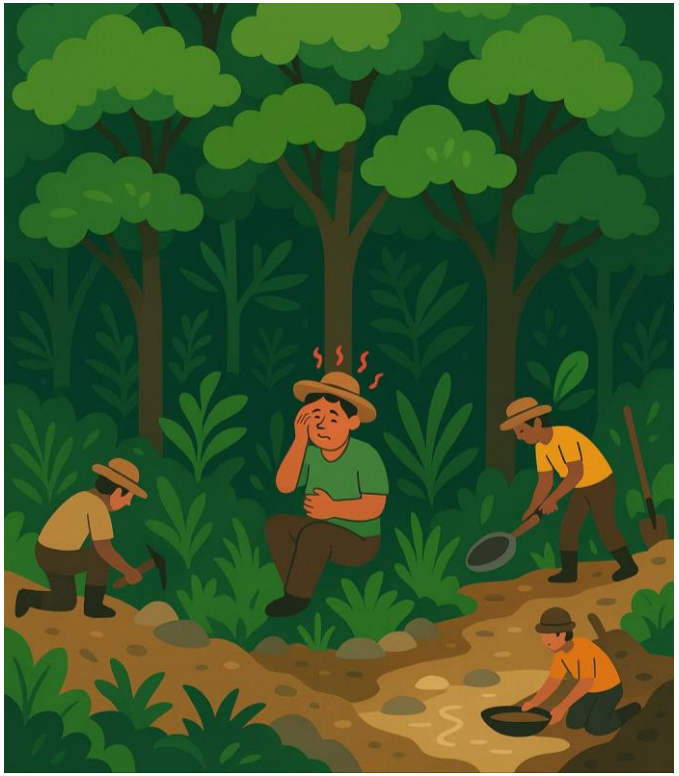
ars Agence Régionale de Santé Guyane

Données SpF


Total
P. falciparum
3500
3000
2500
2000
1500
1000
500
0
3265
3344
1632
1209
900
871
448
433
258
597
546
212
153
143
51
340
425
181
33%
32%
36%
31%
29%
35%
30%
20%
28%
12%
9%
8%
3%
7%
20%
7%
3%
7%
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Santé publique France

Personnes travaillant dans l'orpaillage

2015
ORPAL : 421 orpailleurs
Prévalence PCR 22.4 % (18.4-26.4)

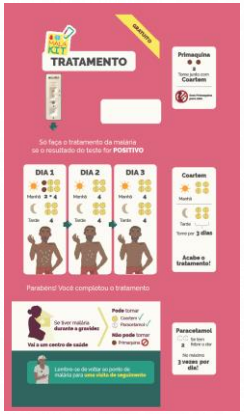


MALAKIT 2018-2020

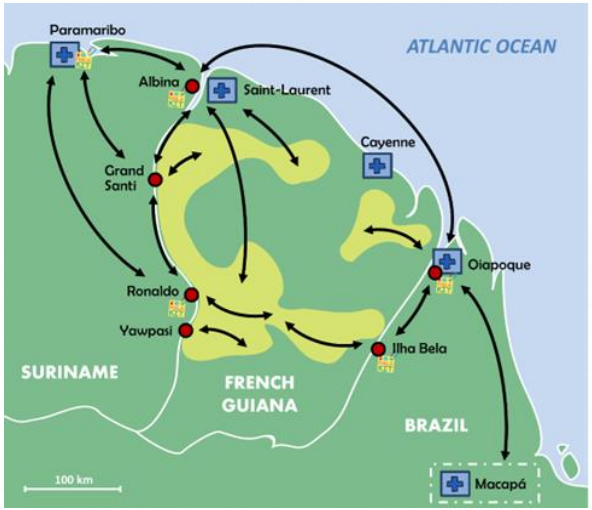
POCHETTE DIAGNOSTIC

3 tests rapides

POCHETTE TRAITEMENT



Artemether-lumefantrine
+ Paracetamol





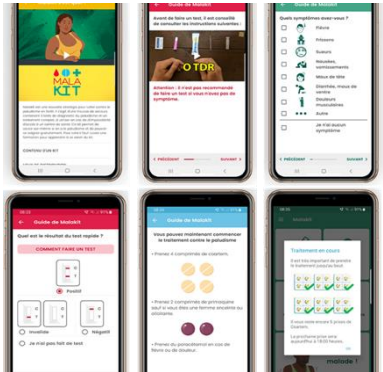










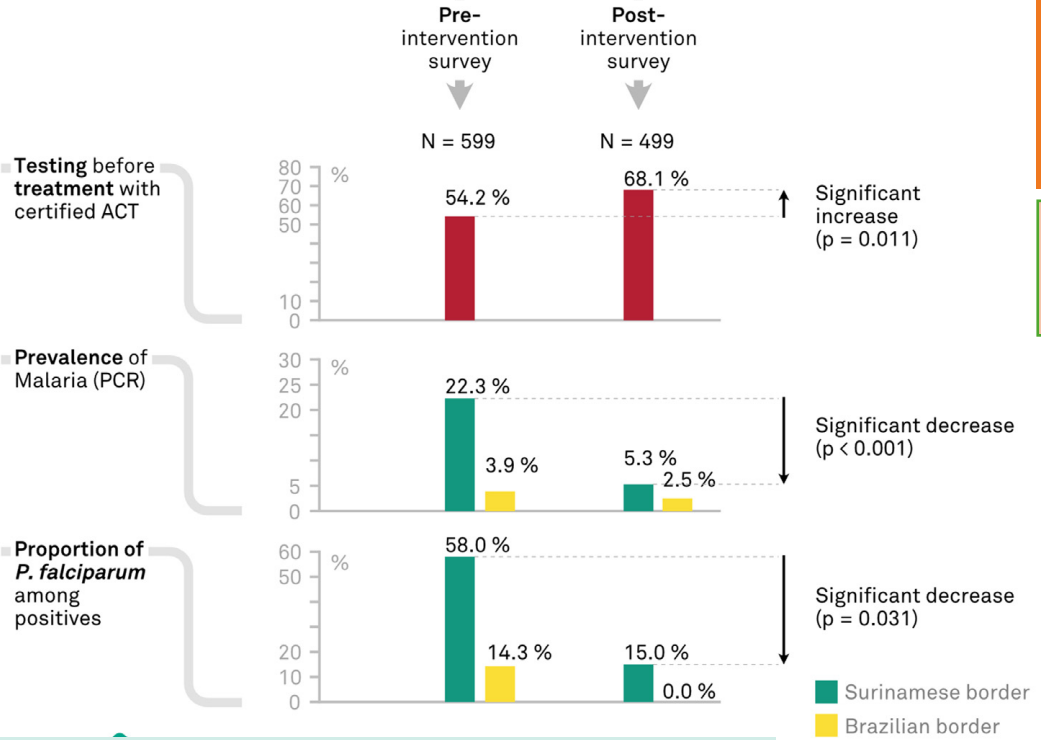

MALA KIT
O TDR

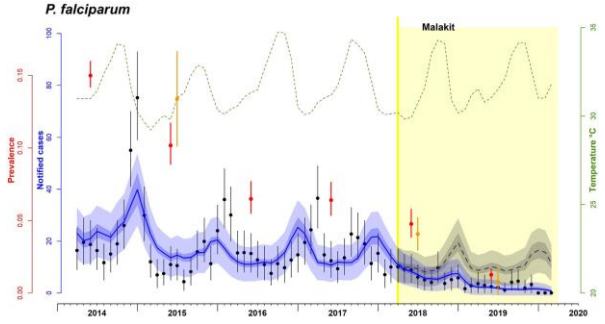

Como fazer o teste
O TDR

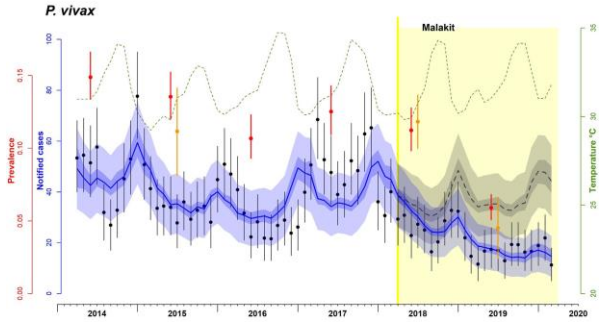
IMPACT OF MALAKIT
4760 kits à 3760 participants

Increase of appropriate behavior
OR=1.8 [1.1-3.0]

Prevalence and proportion of *P. falciparum* decrease







Malakit helped prevent an estimated 43% of the cases of malaria imported from French Guiana in Brazil and Suriname between April 2018 and March 2020.

Contents lists available at ScienceDirect

The Lancet Regional Health - Americas

journal homepage: www.elsevier.com/locate/lana

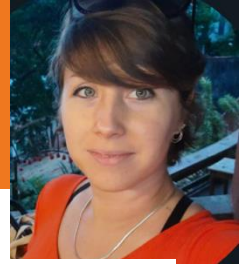
Research paper

Self-diagnosis and self-treatment of malaria in hard-to-reach and mobile populations of the Amazon: results of Malakit, an international multicentric intervention research project.

Evaluating the impact of the Malakit intervention on malaria transmission in the Guiana Shield: a mathematical modelling study

Yann Lambert,[a,b,*] Raphaëlle Métras,[c] Alice Sanna,[a,b] Muriel Galindo,[a,b] Hélène Hiwat,[d] Paola Marchesini,[e] Yassamine Lazrek,[b,f] Lise Musset,[b,f] Stephen Vreden,[g] Martha Cecilia Suárez-Mutis,[h] Oscar Mesones Lapouble,[i] Antoine Adenis,[a,b] Mathieu Nacher,[a,b] Pierre-Yves Boëlle,[c] Chiara Poletto,[j,k] and Maylis Douine[a,b,k]

CUREMA 2023-2025: cibler le P. vivax



MALAKIT

Training + self-diagnosis/self-treatment

et/ou

TTT RADICAL

TT chloroquine 3d + primaquine 7d or tafenoquine

CQ + 8-AQ = PvTDA

METHODOLOGY Open Access

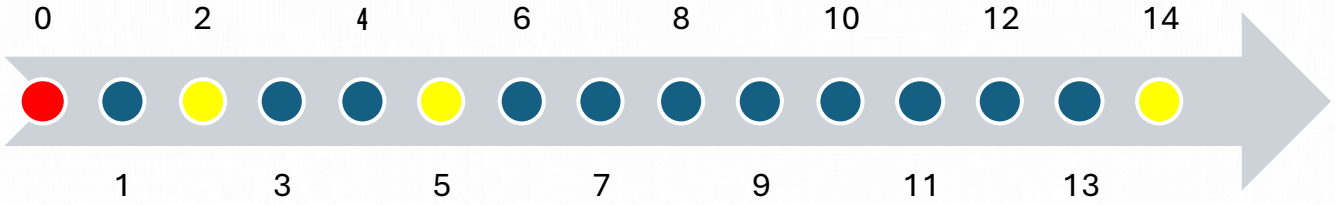
CUREMA project: a further step towards malaria elimination among hard-to-reach and mobile populations

Alice Sanna[1*], Yann Lambert[1], Irene Jimeno Maroto[1], Muriel Suzanne Galindo[1], Lorraine Plessis[1], Teddy Bardon[1], Carlotta Carboni[1], Jane Bordalo[2], Helene Hiwat[3], Hedley Cairo[3], Lise Musset[4], Yassamine Lazrek[4], Stéphane Pelleau[5], Michael White[5], Martha Suárez Mutis[6], Stephen Vreden[7] and Maylis Douine[1]

Eligibility :

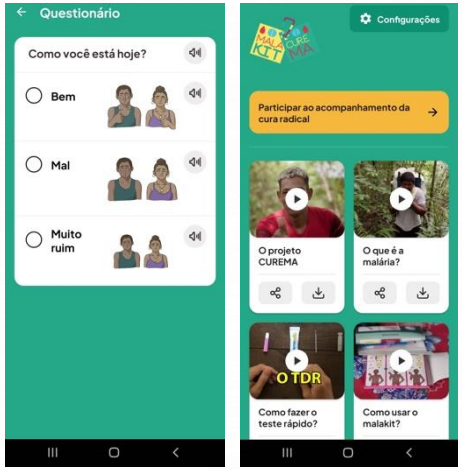
- Epidemiological criteria
- No contraindications to 8AQ
- Agreement to 14-day follow-up

Follow-up



Safety

Observance



Design

Pragmatic >> explanatory research approach

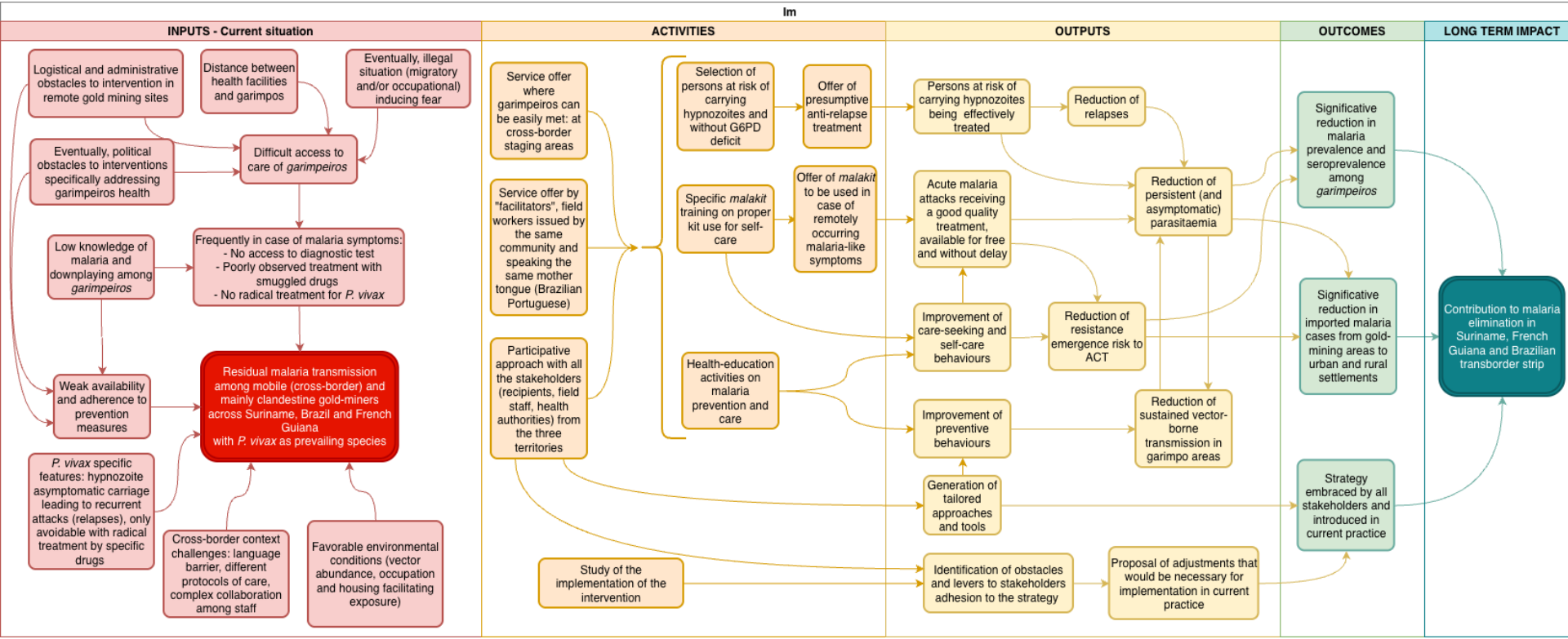
Hybrid design

Effectiveness focus	*Implementation focus*
Epidemiological impact	Reach Safety Acceptability, Feasibility Obstacles & Levers

Sanna et al. Malar J 2024, doi: 10.1186/s12936-024-05040-8

Modèle logique

Recherche interventionnelle en santé des populations RISP



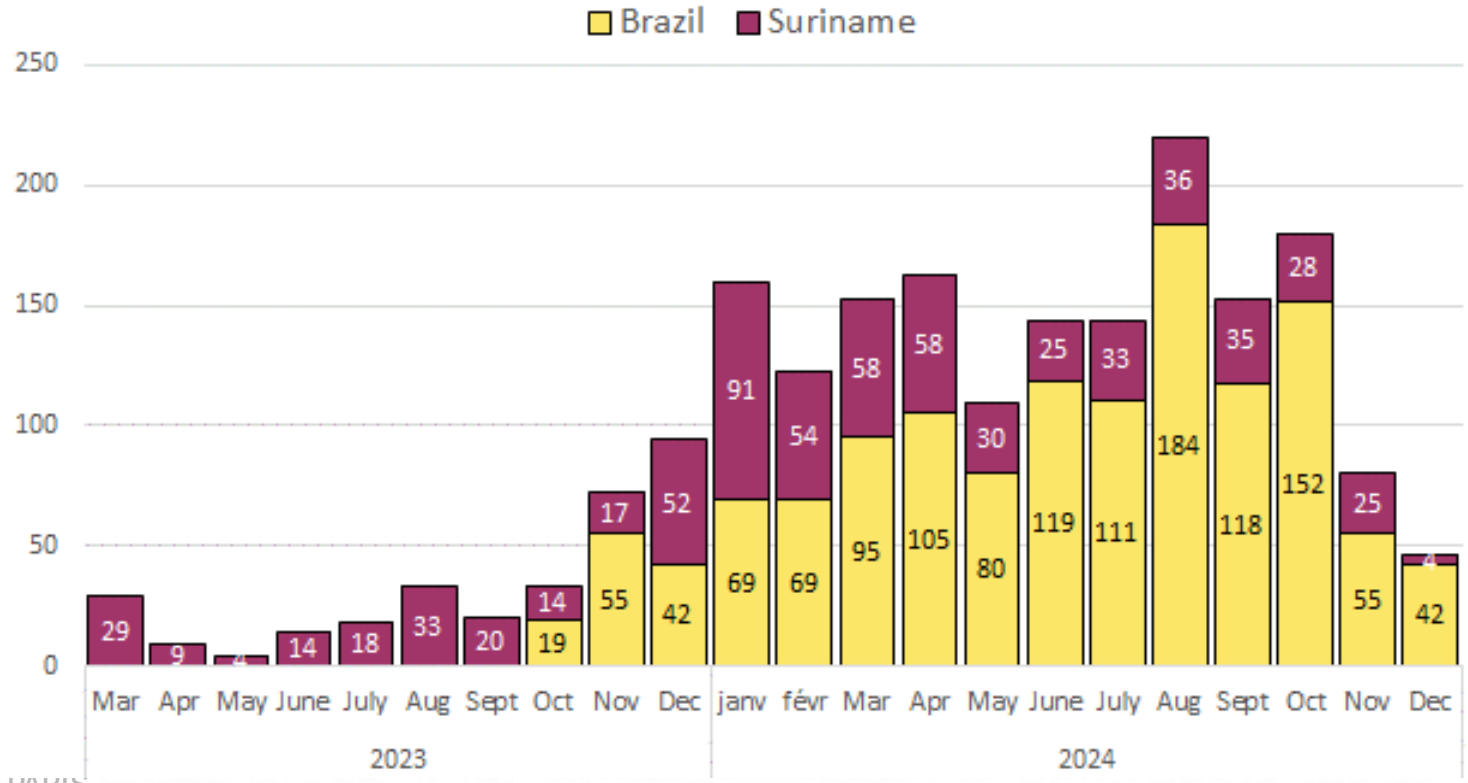
Facteurs influençant la participation

Données à l'inclusion

Données étude qualitative

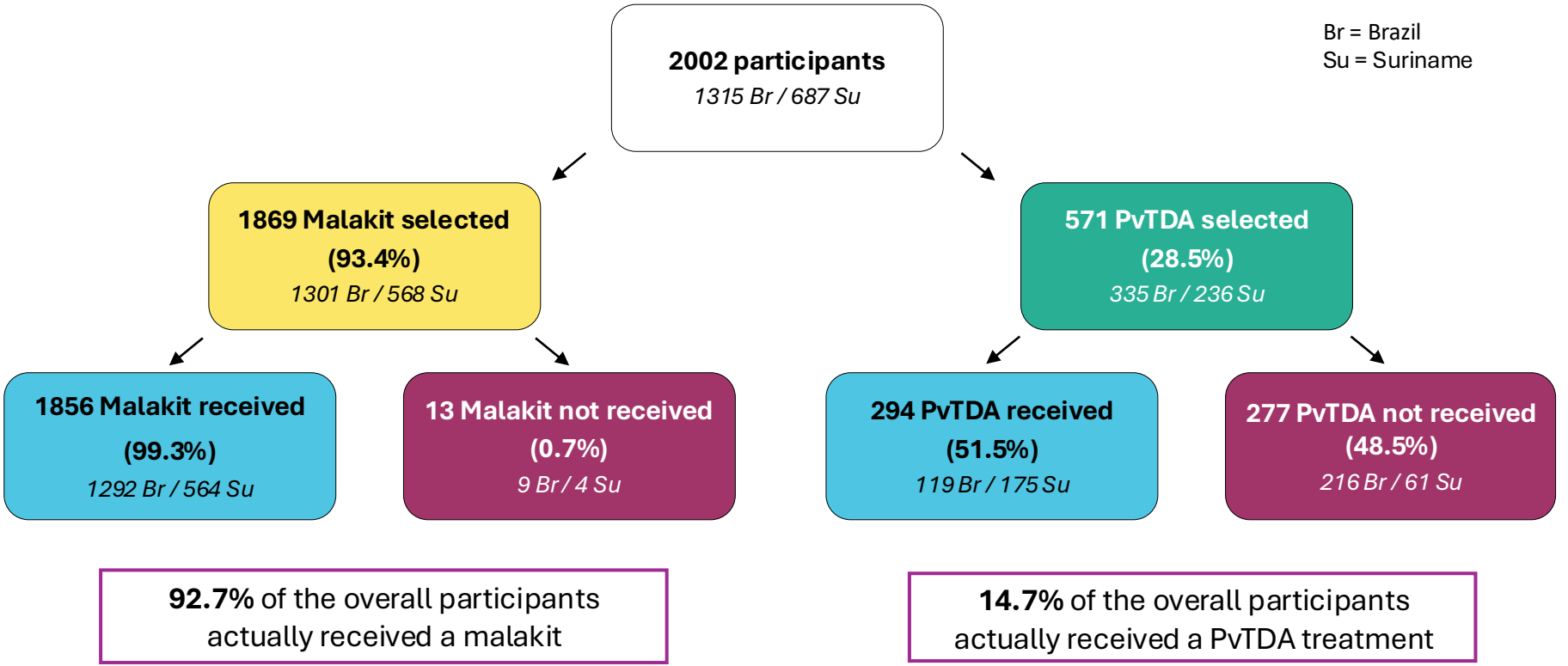
Données pré/post intervention

Monthly inclusions in the CUREMA intervention



Inclusions in the CUREMA intervention

March 2023 – December 2024



92.7% of the overall participants actually received a malakit

14.7% of the overall participants actually received a PvTDA treatment

Intervention's reach
(post-intervention survey estimations)

	Nb	Coverage	95% CI
Participation in the intervention (inclusion)			
Brazilian border	85/197	43.1%	[36.4 – 50.1]
Surinamese border	29/290	10.0%	[7.1 – 14.0]
PvTDA coverage			
Brazilian border	9/197	4.6%	[2.4 – 8.5]
Surinamese border	4/290	1.4%	[0.5 – 3.5]
Malakit coverage			
Brazilian border	84/197	42.6%	[35.9 – 49.6]
Surinamese border	28/290	9.7%	[6.8 – 13.6]

Modèle binomial-participation

	Coef [95 CI]	P-value
Conditional model		
Malakit available	1.89 [1.44:2.25]	<0.001
Tafenoquine available	0.46 [0.07:0.86]	0.02
Malakit expanded to Amapá	0.47 [0.11:0.82]	0.009
Weekly rain (mm)	-0.004 [-0.007:-0.001]	0.004
Drought	-0.22 [-0.43:-0.008]	0.04
Days since site opening	-0.003 [-0.004:-0.002]	<0.001
Quality of facility	0.72 [0.42:1.01]	<0.001
Mobile activity	0.86 [0.47:1.27]	<0.001
Dedication exclusive	0.82 [0.41:1.24]	<0.001
Supervision weak	1	
Supervision intermediate	-0.55 [-0.96:-0.15]	0.007
Supervision strong	-1.33 [-1.81:-0.86]	<0.001
Zero-inflated model		
Number of facilitators	-5.34 [-6.97:-3.71]	<0.001
Dédication exclusive	-3.67 [-6.69:-0.65]	0.02

Modèle logistique - PvTDA

Variable	OR [CI 95%]	P value
No formal education	1	
Primary school	2.13 [1.26:3.59]	<0.01
Secondary school or university	1.71 [0.98:3.01]	0.06
No symptoms of malaria in 12 previous months	1	
1 symptoms of malaria	2.14 [1.13:4.05]	0.02
2-3 symptoms of malaria	2.98 [1.64:5.4]	<0.01
>3 symptoms of malaria	9.64 [3.66:25.4]	<0.01
Primaquine proposed	1	
Tafenoquine proposed	0.43 [0.27:0.71]	<0.01
No personal reason for staying in inclusion site	1	
Staying in inclusion site for resting and/or visiting relatives	0.4 [0.24:0.69]	<0.01
No medical reason for staying in inclusion site	1	
Having a medical reason for staying in inclusion site	4.09 [0.86:19.53]	0.08

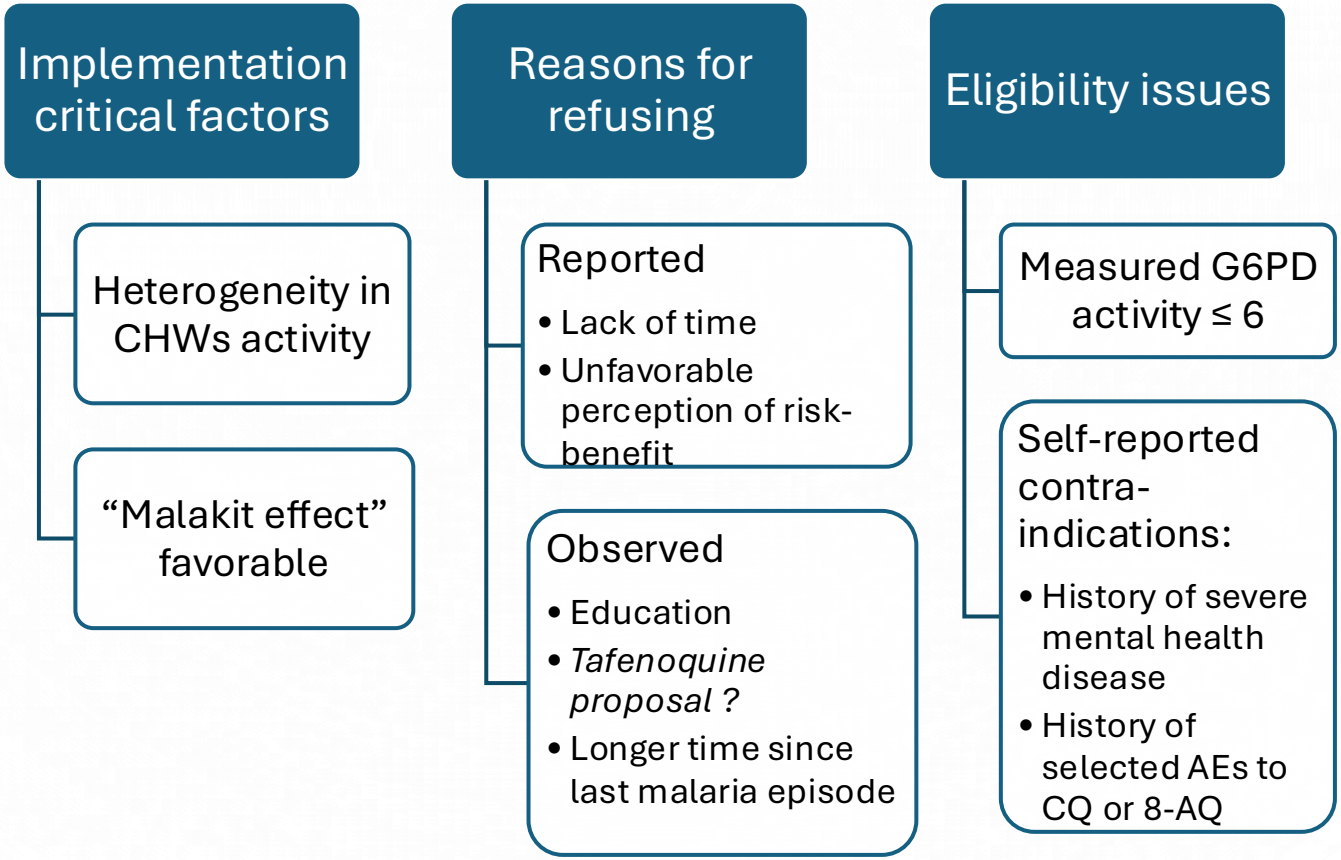
Critical “outer setting” events influencing inclusions

AP tem 7 municípios em situação de emergência após aumento de 89,8% nos casos de malária

Dados são referentes ao período de 1º de janeiro a 8 de novembro deste ano, em comparação com o mesmo período de 2022. Governo do Estado publicou um novo decreto e novas medidas para conter doença.

Por Rafael Aleixo, g1 AP — Macapá
18/11/2023 15h27 · Atualizado há um ano

Main determinants of PvTDA up-take



MALAKIT

TRANSFERING PROCESS

A step-by-step approach to replicating, adapting and evaluating the Malakit strategy for other populations in other contexts

1 ANALYSING THE SITUATION

Identify the target population, pattern of mobility, care access, *Plasmodium* species...

2 DEFINING THE FRAMEWORK

Research study or public health project?

3 IDENTIFYING STAKEHOLDERS

Institutions, scientists, communities, civil organizations

4 ADAPTATING THE STRATEGY

Kit design and content, training strategy, IEC tools...

5 IMPLEMENTING KIT DISTRIBUTION

Distribution site, CHWs training and supervision

6 EVALUATING

Data collection and monitoring (feasibility, acceptability, safety, effectiveness)

7 ANTICIPATING SCALE-UP

Implication of health institution, sustainable deployment

Malakit transferability

- under consideration
- pilot study completed
- ongoing

croix-rouge française

ars Agence Régionale de Santé Guyane

CHU GUYANE

SWOS

Ministerie van Volksgezondheid

Recherche et action publique en Guyane : entre innovation et contraintes

- **Une recherche porteuse d'innovation et de visibilité internationale**

- **Des programmes de santé publique contraints**
  → Cadre réglementaire rigide
  → Besoin de dérogations et d'adaptations locales

- **Des priorités politiques parfois divergentes**
  → *Ministère de la Santé* : élimination du paludisme (objectif Guyane 2030)
  → *Préfecture* : lutte contre l'orpaillage illégal

Sans engagement institutionnel fort, pas d'innovation durable


DPAC
ACABAR COM A MALÁRIA

www.malakit-project.org

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