

An overview of severe malaria case-management support to countries by Global Fund and PMI

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PMI

U.S. PRESIDENT'S
MALARIA INITIATIVE

LED BY



Presentation Outline:

U.S. President's Malaria Initiative (PMI)

- How severe malaria case management interventions and investments align with PMI's 2021-2026 Strategy
- Current range of investments at country-level for severe malaria case management
- Opportunities to strengthen severe malaria case management and the broader continuum of care

The Global Fund

- The Global Fund priorities for malaria-mortality reduction and the support for severe malaria case management
- Trends observed in the countries' plan in the GC7 funding request for the severe malaria management
- Opportunities for pathways from Efficacy to Effectiveness of severe malaria case management cascade

PMI STRATEGIC FOCUS AREAS (2021-2026)

1

Reach the unreached: Achieve, sustain, and tailor deployment and uptake of high quality interventions with a focus on hard to reach populations

2

Strengthen community health systems: Transform and extend community and frontline health systems to end malaria

3

Keep malaria services resilient: Adapt malaria services to increase resilience against shocks including COVID-19 and emerging biological threats, conflict, and climate change

4

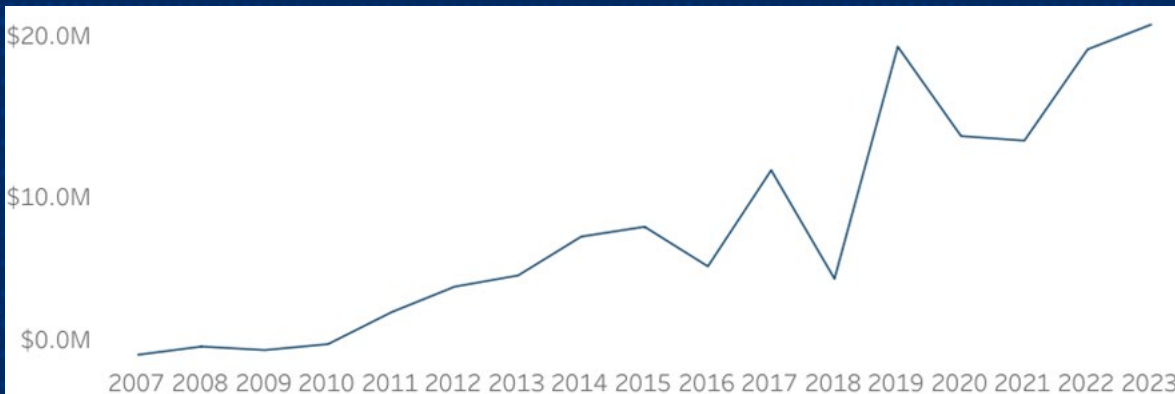
Invest locally: Partner with countries and communities to lead, implement, manage, and fund malaria programs

5

Lead and innovate: Leverage new tools and shape global priorities to end malaria faster

PMI SUPPORT TO COUNTRIES FOR SEVERE MALARIA

PMI has invested nearly \$145 million (USD) in severe malaria drug procurement since the initiative was launched.

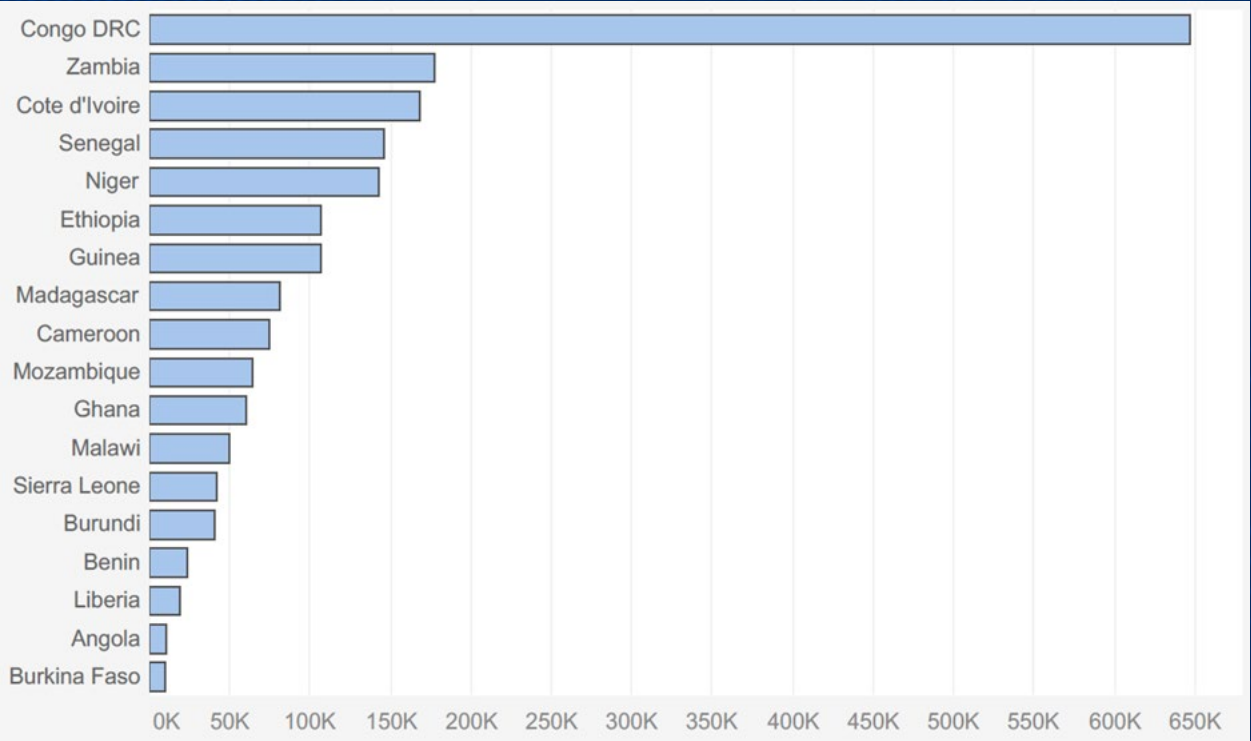


1. Commodities (injectable and rectal artesunate)
2. Technical assistance (TA) for forecasting/quantification and for supply chain strengthening
3. Updating of national malaria treatment guidelines
4. TA for development of training materials, job aids, pre-service curricula
5. Training and supervision from national to health facility/community level
6. Cross-cutting activities (social behavior change, surveillance)

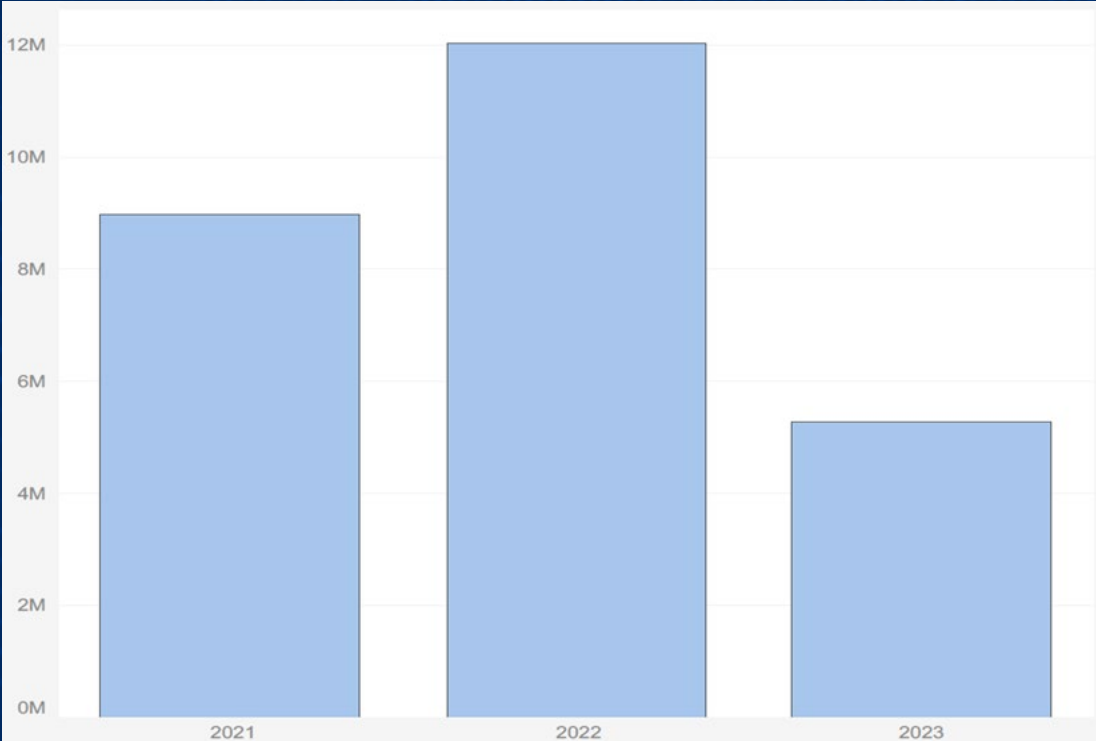
PMI PROCUREMENT SUMMARY (January 2021 - August 2023)

- PMI funds RAS implementation and procurement in 18 partner countries
- PMI also procures Injectable Artesunate in most partner countries

Rectal Artesunate Suppositories Procured, by country



Injectable Artesunate (60mg) Vials Procured, total



LOOKING AHEAD: OPPORTUNITIES FOR SEVERE MALARIA CASE MANAGEMENT

PMI stands ready:

- To continue coordination with country programs, Global Fund, and other key stakeholders **to identify and support activities and procurements across the continuum of care** for severe malaria.
- To support countries to utilize the anticipated **WHO Implementation Manual for Effective Deployment of Rectal Artesunate as Pre-Referral Treatment of Malaria.**
- To **strengthen quality improvement approaches** to managing severe malaria (ex. PMI Impact Malaria Champions Program for mentoring and internal quality assurance).

Global Fund Strategy 2023-2028

Malaria Objectives

Malaria Objectives

1. Implement malaria interventions, tailored to sub-national level, using granular data, and capacitating decision-making and action
2. Ensure optimal and effective vector control coverage
3. Optimize Chemoprevention
4. **Expand equitable access to quality early diagnosis and treatment of malaria, through health facilities, at the community level and in the private sector, with accurate reporting**
5. Drive towards elimination and facilitate prevention of re-establishment of malaria

How can we meet them:

- Collaboration with partners to support countries to implement strategies to mitigate and address drug resistance in SSA including implementation of diversification of first line therapy
- Expand Pfhrp2/3 gene deletion surveys in countries most at risk for the emergence of gene deletions and support countries to shift mRDTs accordingly
- Adjustment of criteria to access co-payment for ANTM for the private sector to demonstrated diagnostic test prior to treatment
- **Improve severe malaria treatment including linkages and referral systems from community and through public sector through leveraging of RSSH programming within the grants**
- Continued support for improved *P. vivax* surveillance and readiness for newer radical cure approaches

Resilient and Sustainable systems for health:

- Support for human resources for health and CHWs
- Inclusion of non-malaria commodities for iCCM will help reduce U5MR
- Integration and stratification of CQI activities
- Georeferencing to address gaps in access

Countries which have included RAS with Global Fund financing: Grant Cycle 6 vs Grant Cycle 7

2021



Congo (RoC), DRC,
Eritrea, Mozambique,
Uganda

2022



Cameroon, Central
African Republic, Mali,
Congo (RoC), DRC,
Eritrea, Mozambique,
Uganda

2023



Central African Republic, Mali,
Cameroon Congo (RoC), DRC, Eritrea,
Mozambique, Uganda

In GC7 Window 1 and Window 2 Funding Requests:

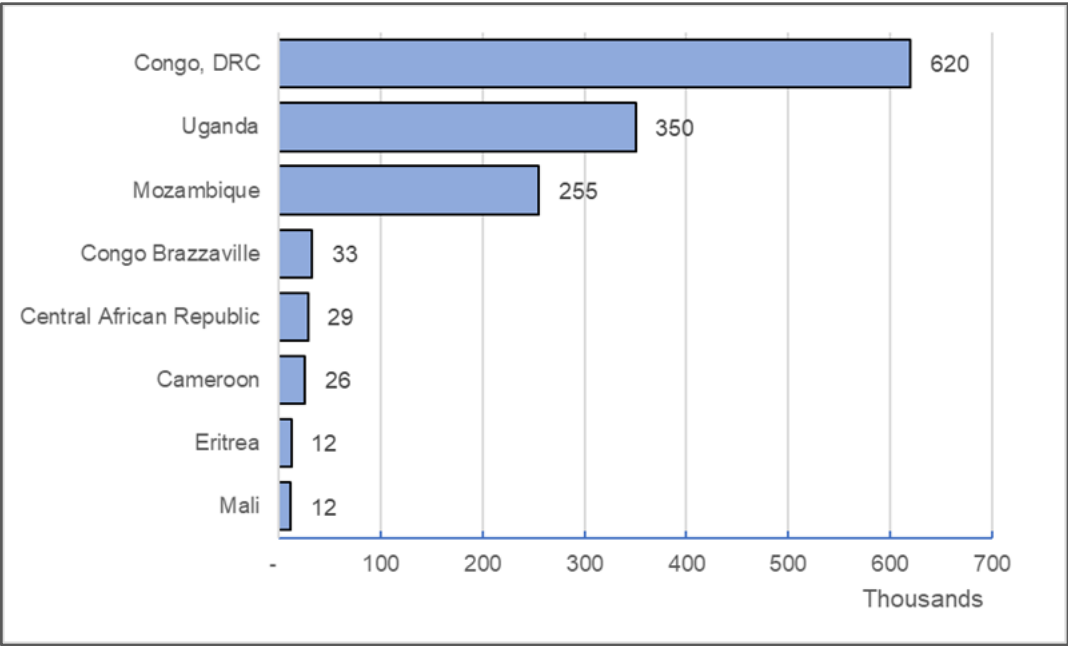
- The outcomes of CARAMAL may have limited implementation of RAS, both through GF and other funding. No major changes in RAS procurement, positive examples of countries including pre-referral RAS, improvement needed to demonstrate a strong referral system for severe malaria
- Injectable Artesunate remains countries' preferred pre-referral treatment options
- With increased countries investment in community-delivered models, there has been increased interests in RAS, leveraging the community package e.g. iCCM
- Having functioning community platforms/delivery models supported by assisted referral and monitoring are critical for the successful roll out of RAS
- RAS often included as domestic co-financing with limited assurance that it will be procured

*Based on Global Fund
procurement POs*

Global Fund procurement summary (2021-2023)

- The Global Fund funds implementation of RAS in 8 SSA countries

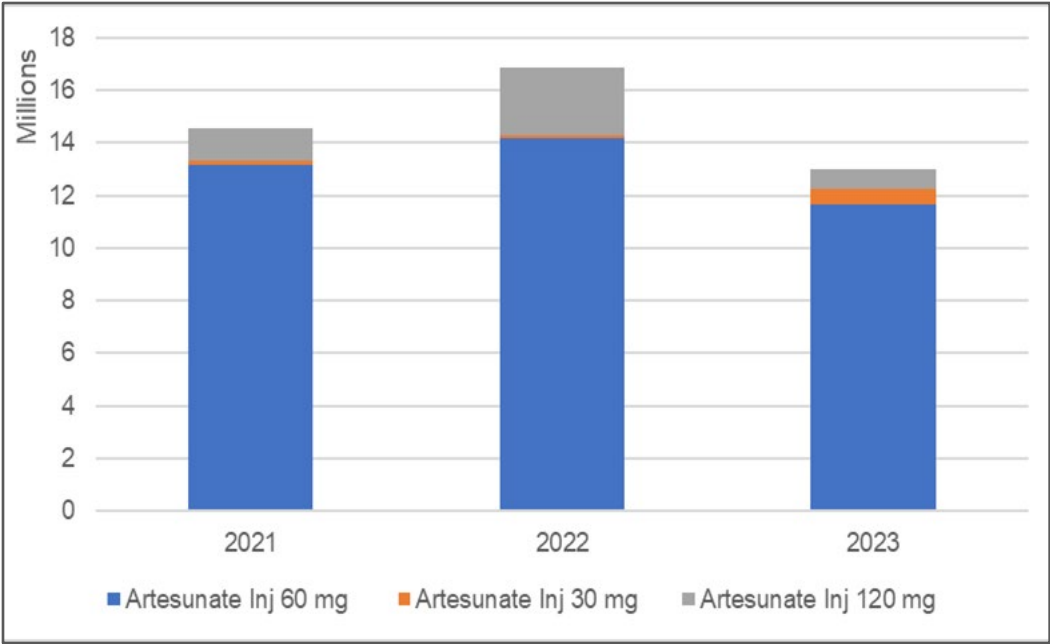
Artesunate suppository (100 mg) pack of 2 procurement by country



Source: Global Fund issued PO and shipment data

- The Global Fund funds procurement of injectable artesunate in 21 countries globally

Artesunate injection procurement by country



Source: Global Fund issued PO and shipment data

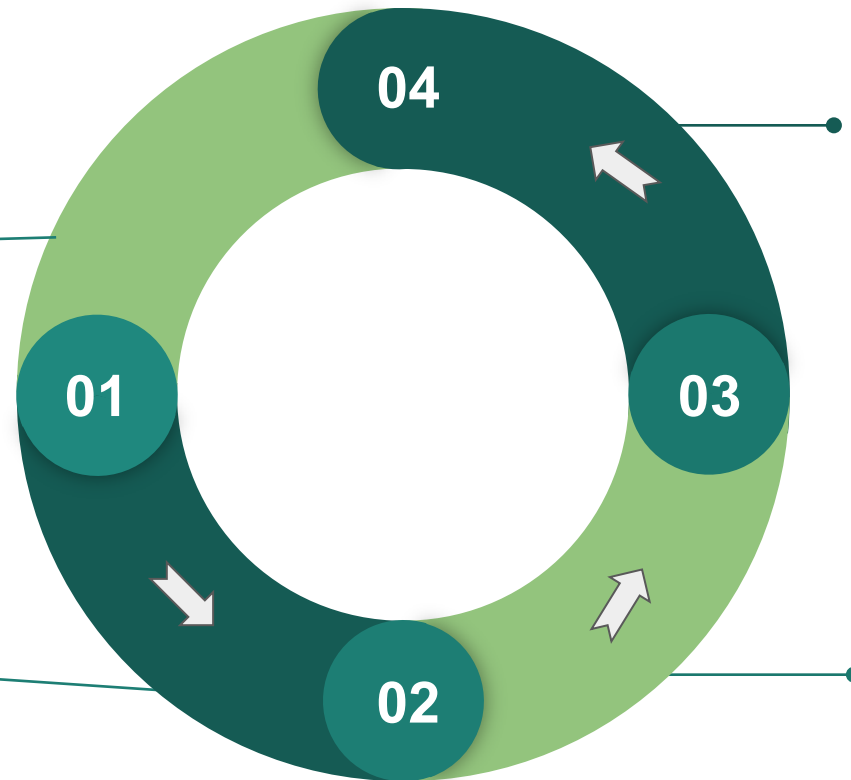
Supporting the severe malaria continuum of care and areas to strengthen

1. Severe malaria case detection in community

- ✓ Availability and access to quality assured confirmatory tests in all sectors,
- ✓ ensuring functioning networks of CHWs
- ✓ CHW and providers training,
- ✓ SBCC
- ✓ supply chain and prevention of stock-outs
- ✓ RSSH investments

2. Pre-referral care

- ✓ Appropriate referral treatment (inj: Artesunate and RAS) as per national protocols
- ✓ RSSH investments



✓ Prioritized support ● Not generally supported by GF grants

4. Post referral care

- ✓ Ensuring health facilities proper management of advanced care
- ✓ proper post-discharge follow up treatment completion
- ✓ preventive practices
- ✓ RSSH investments

- Hospitalized care: Commodities (such as antibiotics for cerebral malaria)
- equipments for safe blood transfusion

3. Referral completion

- ✓ Assisted referrals
- ✓ referral completion monitoring
- ✓ referral linkages
- ✓ RSSH investments

What can be improved:

- The need to improve access to care at community-level and concentrating on early diagnosis and effective treatments with QA commodities
- Encouraged to leverage the systems strengthening supports such as (RSSH) which are critical for the care continuum and integration
- Improved diagnosis and care for severe malaria patient as well as investments in health systems support for life-saving interventions such as safe transfusion which is not generally supported by the Global Fund

Conclusions



- RAS has proven efficacy to greatly reduce mortality among children but we can close the efficacy-effectiveness gap if we consider all aspects of improving the care continuum.
- **The Global Fund and PMI are aligned in supporting countries for systems strengthening, community health workers, human resources for health, and other critical interventions for the severe malaria care continuum.**
- Opportunity to strengthen the countries' health systems and leveraging domestic resources and universal health coverage.

Building a Healthier World – Fighting Malaria

