Making Moves on Malaria
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Need Statement
To treat malaria in Cameroon.

Approach Statement
Adapting an already existing infrastructure of public transportation to get supplies to hard to reach places in a cost effective way.

Background
● 90% of malaria related deaths occur in Africa (1).
● 2.5 Million people live in Yaoundé (2)
About 65% of public transportation in South Africa is by taxi (3).

Methods
Pre Data Collection
Incidence
Transmission
Distribution
ACT/ Primaquine
Doses/Timing
Recruit Transport Personnel
Community Out Reach Workers
Transport Officials
Post Data Collection
Incidence
Transmission

Results
● ACT and Primaquine administered to 95% of Yaoundé(4)
● Malaria eliminated after 4 years
● 100 people treated per taxi(5)

Recommendations
Expand the program to other cities in Cameroon and to other countries as well as utilize other forms of transportation (i.e. mini buses).

References

Incidence of Malaria
Use of ACT and Primaquine greatly reduced incidence of malaria(4) and the use of taxis was cost efficient(5).

Incidence of Malaria

Population (Millions)
Year
Pop. Of Yaoundé
Pop. Of Yaoundé with Malaria

2015 2.5 1.0
2016 2.8 0.9
2017 3.0 0.65
2018 3.2 0.40
2019 3.4 0.15