

THE ROUX PRIZE

FOR TURNING EVIDENCE INTO HEALTH IMPACT

Treating preventable diseases with vaccines

Nearly 47% of 18 million residents of Mali are under 14 years old



(According to Global Burden of Disease data)



HIS GOAL ▶ Reduce disease burden in children through vaccinations

PROBLEM



Limited resources

Basic and rapid test results were unavailable due to no laboratories or proper equipment



Misinformation

60% of children 0-15 years were misdiagnosed as having malaria, when in reality, malaria was only responsible for 24% of illnesses.

Culture

Historically, vaccinations weren't trusted



SOLUTION



Surveillance + Clinical research = Malaria

Hib, pneumococcus, and other diseases were killing more children than malaria



Dr. Sow and his team introduced vaccinations for Hib and other preventable diseases

while training a workforce to collect data and improve technical logistics



Worked with community religious leaders and health professionals to educate the community on the benefits of vaccines until they became widely accepted



80%
Reduction of Hib deaths



88%
Reduction of Hib hospitalizations



After the success of Hib, Dr. Sow introduced vaccinations and decreased burden for other diseases.

2017 WINNER



Dr. Samba Sow, MD, PHD

Minister of Health, Mali

Collected and analyzed data to identify largest disease burden in children and prioritized vaccine delivery



Now that we have opportunities and a system like Global Burden of Disease we will have to take that opportunity to strengthen our national system, to question our own data, by looking at other data from other places.

- Dr. Sow