

RESEARCH

basic

applied

MONITORING & EVALUATION

(program evaluation)

impact evaluation

translational (T1)

pre-clinical

phase 0/1/2

clinical trials
phase 2/3

phase 4

implementation (T4)

Journalist interviews several program participants and writes feature article

Non-profit tracks people reached by bednet program and picks some recipients to provide testimonials

Study long-term effectiveness and side effects of drug after it becomes widely available

Scale what "works" to improve population health

Formative qualitative study to develop new prevention intervention to promote bednet use

Population-based survey to estimate prevalence of childhood malaria in Kenya

Clinics randomly assigned to different subsidy levels for bednets, from free to full cost

Cohort study that follows malaria-free children over time to identify risk factors for infection

Case study of bednet subsidy policy alternatives

"Quasi-experimental" study using difference-in-differences to estimate effect of introducing free bednet distribution on cases of malaria

DNA sequencing to study how children respond to malaria and antimalarial treatment

experiments / RCT

Drug candidate tested in animals

Bench science to discover new facts about the parasitic life cycle

Initial test of safety of new anti-malarial drug where all participants receive the drug

RCT comparing experimental malaria vaccine to placebo

Mixed methods study to test different channels for distributing subsidized bednets and promoting their consistent and correct use

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Translation Bottlenecks