LLIN Priorities Work Stream

How can continuous distribution demonstrate value for money?
Towards a dynamic and comprehensive ITN distribution strategy

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11th Annual RBM Vector Control Working Group (VCWG) Meeting
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Where are we?

• Mass campaigns have been essential to reach current level of success

Uganda: National HMIS data public sector

34% reduction in reported malaria incidence
Where are we?

- Mass campaigns have been essential to reach current level of success
- Current WHO guidance includes long-term shift to continuous distributions, but no emphasis
- In practical terms most countries use mass campaign plus ANC/EPI
- As universal coverage is reached and campaigns repeated, the system becomes inefficient

Poor value for money
Inefficiency of current Strategy

UCC

Other sources: ANC/EPI, markets

newer

older
Inefficiency of current Strategy

UCC  Other sources: ANC/EPI, markets
Inefficiency of current Strategy

LLIN needed

Scenario: Africa South of Sahara, Population at risk
UCC: population/1.8, every three years
Other: ANC (85% utilization, 90% efficient); markets 5% of HH 1 LLIN per year

CD saves 18-25%
Inefficiency of current Strategy

Resulting Coverage

- Modelling shows that continuous could provide better value for less money
Inefficiency of current Strategy

Coverage and system efficiencies of insecticide-treated nets in Africa from 2000 to 2017

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What do we need?

- An optimized distribution strategy should reduce wastage by better targeting LLIN to
  - Where there are needed
    - Filling gaps without oversupply
    - Targeting high risk
  - When they are needed
    - Respond to varying net survival
Sustaining UC can be more efficient

- By applying flexible push (schools) and effective pull or push-pull systems (community, social protection)
Markets can contribute

- Most countries include markets as contributor in strategy
- Markets can only be strengthened if sufficient demand and “inclusive” government regime

Uganda MIS 2014/15
Households will demand

- Net use culture has grown in most countries
- People want the LLIN and are willing to take steps to get them (within their means)
Way Forward

• No immediate solution and shift not easy
• Need to provide evidence
  – But for that we need implementation!!!
• Guide countries in implementation
  – Stronger emphasis on need to move towards more efficient, dynamic systems
  – When is it OK to let go of repeat campaigns