



9<sup>th</sup> February, 2018

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# LLIN Priorities Workstream Meeting

Hannah Koenker & Lena Lorenz

## Summary of presentations

- Olivier Briët - Pooled Analysis of LLIN durability monitoring studies
  - ➔ Improving use is the most low-hanging fruit to increase effectiveness of LLINs, more important than tear resistance and insecticide retention
- Sarah Moore - Location-adjusted Hole Surface Area to estimate functional effectiveness
  - ➔ Hole location matters (bottom zone and roof)
  - ➔ Insecticide matters - it deters feeding even when exposed to holed nets

- Josh Yukich - Cost-effectiveness of LLIN distribution strategies
  - ➔ Continuous distribution (CD) systems are a critical component of the most cost effective pathways to achieving and maintaining high coverage of LLINs.
  - ➔ Long term, many CD systems (or combinations with campaigns) are as or more cost effective than repeated campaigns alone
  - ➔ There is evidence that CD systems are more expensive per net than campaigns, but the evidence for this is relatively weak.
- Natacha Protopopoff - Community randomised trial testing PBO LLIN and IRS in Tanzania
  - PBO-LLIN (Olyset Plus) showed greater efficacy compared to standard LLIN (Olyset) in this area of high resistance after 1 year and 2 years of use
  - Standard Olyset combined with Actellic IRS provides additional protection compared to standard Olyset at high levels of usage in areas with high pyrethroid resistance
  - There was no advantage from adding Actellic IRS to already existing PBO-LLIN coverage

- **Dominic Schuler - PQT-VC Approach to Post-Market Activities**
- All prequalified products are part of a regulatory life-cycle approach. Post market activities include the submission of new information as part of product variations, additional data commitments, or in association with updates in guidelines and reevaluation, and the evaluation of complaints/incident reports to ensure corrective actions are implemented to address product issues. All stakeholders play a role in post market activities; users, national regulatory authorities and control programs, procurers, manufacturers, and WHO.

## Workplan 2018 - Brainstorming

- How to restore faith in nets?
- At what point do pyrethroid-only nets no longer have public health value?
  - What data would tell us this?
  - Is this data available or can it be collected?
    - ➔ Create systems that would translate this data into answers
- How does the conversation between PQ and VCAG work? If VCAG decides when a product does have public health value, does VCAG also determine when it no longer does?
- Combination of NGNs and IRS, including costing

## Next steps...

- Send out short poll to vote on most important topics for workstream members
- Continue regular conference calls on specific focus topics – send calendar invites early
- E-mail us with ideas, any on-going projects or data collection that could contribute to the work stream topics

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# Partnership To End Malaria

9<sup>th</sup> February, 2018

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