
VCWG WS1 TT2 priorities for ITN quality and durability

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Relevant Workplan Activities for TT2: Using non-biological data (e.g., quality, access/use, durability) to address threats and inform decision making for IRS/ITNs

Convening on Alternatives to Household Surveys (MIS, DHS) to Obtain Coverage and Use Estimates for Interventions

- Held October 16-17 by the RBM Surveillance, Monitoring and Evaluation Working Group
 - LQAS is a good operational methodology suitable for questions about meeting a certain threshold or not, but it needs more standardization
 - Work planned to standardize LQAS methods, including a decision matrix on what can/should be added (like durability monitoring) and what would drive the sample size
 - Aim is to provide more information at the subnational level, on where there might need to be more focus if intervention coverage or use is low

Contextualizing Recent Durability Monitoring Results for Dual-AI and PBO-synergist ITNs

- Joint PMI/AMP [webinar](#) scheduled for **November 7th**
- Aims to contextualize recent durability monitoring data for chlofenapyr and PBO-synergist ITNs
 - Review epidemiological and durability results from RCTs in Tanzania and Benin
 - Introduce durability monitoring results from PMI VectorLink and PMI Evolve-supported studies
 - Highlight the benefits of a healthy continuous ITN distribution system

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Post Market Data Collection (PMDC) Framework

- VCWG members, i2i, and CHAI have been working on a framework and guide to assess and monitor ITN durability and user care/behaviors affecting ITN retention and longevity
- This is part of the global [Raising the Floor initiative](#) led by i2i and CHAI, with leadership and support from national malaria programs, the Global Fund, PMI, and other global stakeholders, and in coordination with WHO/PQ
- By the annual meeting of VCWG, we hope to be circulating the framework widely
 - The framework will be hosted on the AMP platform
- Part of the framework includes a glossary of definitions which aims to generate a consensus and clear definition between terminologies, including both quality and performance
- The framework will include an application of how post-market data can be used to inform decisions pertaining to ITN procurement or distribution



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Revised RD Scores

- Manuscript should be finalised and published by the end of the year
- Revised metric better linked to expected field performance, compared to the already published RD score metric
- PQ are currently requesting the [four individual metrics of the RD score](#) from manufacturers; the revised/re-weighted metric only includes three components of the existing RD score
- PMDC Framework will then be updated to incorporate

Risk Index

- Can help predict net life under local conditions
 - More predictive of net life-span in the 2nd and 3rd year, in between campaigns, whilst revised RD is more predictive of estimated lifespan during the first year of life
- Calculation based on local ITN user care/behaviors and environment
- Ideally will be able to combine this with revised RD scores to predict net life in specific settings to generate a "net longevity" score

Thank you! Questions?

If you are interested in working on these topics/issues, you can reach out to our Work Stream and specifically our Task Team 2 leads

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These topics will also be a priority for discussion at the annual VCWG meeting in Benin in February – Hope to see you there!

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<https://endmalaria.org/our-work-working-groups/vector-control>