
7th Durability of LLINs in the Field Work Stream -- Summary

29 January 2015



VCWG – LLIN Durability Workstream

Summary of 7th Meeting

Presentations

- **Mosquito entry into bednets via holes (Sutcliffe)**
 - Probability of entry through a hole is determined by hole circumference, width, and location on net.
- **Laboratory evaluation of LLIN resistance to damage (Russell/Kilian)**
 - Hole formation dominated by mechanical snagging & tearing.
 - Lab tests were proposed for evaluating susceptibility of netting to hole development.
 - Consolidated Resistance-to-Damage (RD) score was proposed.
- **Tanzania ABCDR Field Study (Lorenz)**

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Summary of 7th Meeting

Work Stream Relevance and Impact

- Significant progress in understanding LLIN physical durability since 2008.
- Physical durability will remain relevant as insecticide resistance becomes more common.
- Increasing use-life offers high potential cost-savings.
- Strong consensus is that the Work Stream is a needed activity.

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Summary of 7th Meeting

Proposed Activities / Next Steps

- Promote the development of tools to inform procurement decisions.
- Provide technical input on best practices for monitoring LLIN durability in the field.
- Help to define the research agenda on durability.
- Initiate virtual meetings (phone or web) to continue sharing information and move agenda.
- Encourage feedback and suggestions from members to co-chairs regarding workstream priorities and activities.