Evidence on ANC delivery of LLINs: what data is available and what data is needed

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Delivery of LLINs through ANC is a widespread strategy
• 34 malaria endemic countries of Africa have a policy of LLIN delivery through ANC
  \((WMR 2013)\)

Use of ITNs by pregnant women has increased across the region
• For countries with data from \(2007 \& 2010\) (\(n=30\) countries) use of ITNs by pregnant
  women increased from \(17.9\%\) to \(41.6\%\)

But there has been a decrease in a few countries
• 8 countries showed a decrease in use of ITNs by pregnant women; for 3 countries the
decrease was >10\% (Equatorial Guinea, The Gambia, Malawi)

There is a gap between attendance at antenatal care (ANC) and use of ITNs
• ANC was attended at least once by \(78.3\%\) of pregnant women
  \((van Eijk 2013 Lancet Infect Dis)\)
Delivery of LLINs through ANC

- Attendance at ANC
- LLINs available
- Offered an LLIN
- Takes LLIN
- Uses the LLIN

Pregnant woman

Others
Delivery of LLINs through ANC in Mali & Kenya

Segou District, Mali

• Nyando District, Kenya

Note, amongst ANC registrants
Potential of existing surveys to provide data for diagnosing delivery problems

Question 1
Where did you obtain this net?
With defined response categories including ANC, EPI etc....
Question 2
When you saw someone for antenatal care were you given a mosquito net?
- Y/N

Potential of existing surveys to provide data for diagnosing delivery problems
MERG meeting next week

• Positive indications on Question 1
• Negative indications on Question 2

Do we the VCWG or the VCTEG have any leverage in decision making by the MERG?

The WHO Vector Control Technical Expert Group (VCTEG) recently recommended *countries should measure and report upon “the proportion of women reporting having been given an LLIN through antenatal services, out of all women reporting having attended such services”.*

DHIS2

Currently used at various levels in 45 countries
DHIS2: online health information system

- Has an indicator on the receipt of an LLIN at ANC
- Needs the addition of a denominator
- Based on a single event – so focus on the proportion of ANC registrants who received an LLIN
- Routine data rarely 100% complete and rarely 100% accurate!
- BUT it is available on a monthly basis, by individual facility for feedback into programme improvement
1) VCWG - Formal request to the MERG for consideration of inclusion of BOTH questions on the DHS & MIS as recommended by the VCTEG & VCWG

2) Support documentation for programmes on potential analyses (and stratifications) using these survey questions for evidence based strategy development & programme improvement

3) Support documentation and possibly technical support on how to use the DHIS2 to inform programme improvement