Integrated Vector Management (IVM) toolkit - status update

Prof Steve Lindsay
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Overview

1. Integrated vector management vs current vector control

2. Update on the toolkits
Challenges of current vector control

1. Resource constraints – financial, human capacity etc
2. Disease-specific silos
3. Inter-sectoral action is weak
4. Not generating / using evidence effectively
5. Insecticide resistance
Integrated Vector Management

• World Health Organisation recommended approach for the control of VBDs globally.

• Aims to make vector control more efficient, cost effective, ecologically sound and sustainable.
IVM characteristics

- Multiple vector control tools – chemical and non-chemical
- Using evidence to inform what you do and improve as you implement
- Collaborate with other disease control programmes and with other sectors
- Community mobilisation
Overview and aims of toolkit

• Provide guidance on design, implementation, monitoring & evaluation of IVM programmes.
• Targeted at programme managers at national and first admin level (region / province).
• Separate toolkits for SSA, LAC and Asia.
• Take into account heterogeneity in the capacity of countries to carry out IVM.
• Based on WHO Handbook for IVM
Framework for planning & implementation

1. Disease situation
   - Epidemiological assessment
   - Vector assessment
   - Stratification
   - Local determinants of disease

2. Selection of vector control methods

3. Needs & resources

4. Implementation

5. Monitoring & evaluation
Toolkit sections

Based on format of WHO Handbook for IVM

Chapter 1: Introduction
Chapter 2: Framework for IVM
Chapter 3: Local determinants of disease
Chapter 4: Disease situation analysis
Toolkit sections

Chapter 5: Selection of vector control methods
Chapter 6: Needs and resources
Chapter 7: Implementation strategy
Chapter 8: Generating an evidence basis
  – piloting and scaling up
Chapter 9: Vector surveillance
Chapter 10: Monitoring and evaluation
Collaborative process

Contributions from VC experts, programme managers, WHO, EMRO, PAHO etc

Expert WHO review

SSA Toolkit

LAC Toolkit

Asia Toolkit

To be published in Q1 2016

ongoing…
Ongoing work

• Further regional documents
  • Latin America and The Caribbean
  • South-east Asia

• Ideally would like to see web-based toolkit

• Operational manual for India
  • Assisting NVBDCP with IVM guidance document

• To be presented to Prime Minister Modi in February 2016
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