Impact of surveillance, data collection and reporting on programmes

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Kenya National Rabies Elimination Strategic Plan 2014 – 2030

Strategy for the Elimination of Human-Rabies in Kenya

- **Mass dog vaccinations** (70% coverage for 3 years consecutively)
- Provision of **PreP and PEP** for bite victims
- **Public education and awareness on** rabies prevention and control
- **Enhanced surveillance for rabies cases in animals and humans**
Implementation Plan

Zone A: Pilot Counties:
- Western Kenya - (Kisumu, Siaya)
- Eastern Kenya (Machakos, Makueni, Kitui)

Zone B
- close proximity to pilot areas
- Rest of the country

***Stepwise Approach to Rabies Elimination***
Current surveillance activities

Toll-Free Number

Hospital Based Surveillance

Dog Cohort Study

Community Surveillance

Contact Tracing

Sample Collection
U1 All this in the background of MDV supported by WAP and EU through OIE
USER, 13 Sep 2018
Surveillance sites

- Two Pilot Counties
  - Data on dog bites among patients
  - Follow up of biting dogs and victims in communities
Key findings 1

• Passive surveillance has severe under-reporting for bites
  • 5 year retrospective data from 16 health facilities - only 613 bite cases reported
  • 1 year enhanced surveillance in 4 of 16 health facilities - 365 bite cases reported

• High positivity of samples from dogs tested for rabies, low access and compliance to PEP - yet few human cases
  • 2 human confirmed cases in Siaya

**Moving surveillance from outpatients to in-patients**
Key findings 2

• Record keeping at health facilities
  • General record keeping needs improvement
  • Critical data missed by aggregate reporting
    • Dose completion /compliance
    • Site and Category of bite
    • Status of biting dogs...

• Training needs among Health care workers;
  • to improve suspicion for rabies
  • knowledge of WHO position on rabies vaccine and treatment

• High dog turnover rate
Momentum for Rabies programs

- PEP survey shows differences in stock outs
  - 3-5 weeks in pilot Counties
  - 8-36 weeks in other Counties

- Surveillance and reporting provides data to support programs
  - Demonstrate progress towards elimination
  - Allocation of funding to rabies
Collaborative Efforts