Path to accreditation for the Central Veterinary Laboratories (CVL), Kenya and the Launch of The National Quality Manual

*Lessons learnt and best practices*

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Central Veterinary Laboratories
The Directorate of Veterinary Services

Mandate

• To safeguard animal and human health
• Improve animal welfare
• Increase animal resource productivity
• Ensure safe and high quality animals and their products to facilitate food security, and domestic and international trade

Vision

• Healthy and productive animal resources that contribute to sustainable economic development and social welfare in Kenya.

Mission

To provide and facilitate efficient veterinary services for production of safe and high-quality animals, animal products and by-products and promote trade and industrial growth in a sustainable environment
Organization Structure - Regional laboratories

- Laboratory services and biological products section
- Veterinary farms/efficacy trial centres
- National reference laboratories
- Regional veterinary Laboratories
- Quality management Section

- Nakuru
  - Isiolo satellite
- Karatina
- Garissa
- Mariakani
- Kericho
- Eldoret
  - Lodwar satellite
  - Ukunda satellite
  - Witu satellite
Central Veterinary Laboratories
CVL structure

- Transfer and receiving facility (TRF)
  - Acarology
  - Bacteriology
  - Chemistry
  - Pathology
  - Molecular
  - Virology
Accreditation Pursuit

- Accreditation onset
  - First attempt in 2012
  - Current process was initiated in 2018;
    - Diagnosis of FMD by use Sandwich ELISA- FMD laboratory
    - Diagnosis of Johne’s Disease by use of ZN staining method - RVIL Kericho respectively.

- Current process
  - Expansion of scope
  - CVL Support from ASLM/EQUAFRICA and FAO from January 2021
Implementation Model

1. Onsite Mentorship

- Risk analysis and mitigation continuous trainings
- CAPA continuous training
- One on one support
2. Virtual mentorship – weekly series

3. Communication and Participation on weekly Training Sessions for CVL
4. Offsite Workshops
5. Management meetings
6. Documentation

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19 procedures relate to Culture and directly impact AMR surveillance activities
How AMR surveillance gains from accreditation
“Surveillance of antimicrobial resistance and monitoring of the prevalence of, and trends in, resistance in bacteria from animals, food, environment and humans, constitutes a critical part of animal health and food safety strategies aimed at limiting the spread of antimicrobial resistance and optimising the choice of antimicrobial agents used in therapy”
Streamlined procedures

Documented procedures used across all labs

Harmonised data entry
## EQA Enrollment and Participation

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<th>Country</th>
<th>Participant Code</th>
<th>Participant</th>
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<th>Sample B % score</th>
<th>Sample C % score</th>
<th>Sample D % score</th>
<th>Sample E % score</th>
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<th>Final evaluation</th>
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Challenges

• Budgeting for Sustained accreditation
• Equipment servicing
• Adequate & Capacity building of HR
• Consistent supplies of Reagents & Consumables
• Joint & Seamless approach in QMS implementation across the tiered Management structures