Surveillance of antimicrobial use in ZIMBABWE

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Presentation Outline

- Governance Structure for AMU Surveillance
- Activities conducted
- Challenges
- Future Plans
Medicines Control Authority of Zimbabwe is the **OIE Focal Point for Veterinary Medicines**; reports to Chief Director in the Division of Veterinary Services; the **OIE Delegate**.
Veterinary Medicines Governing Bodies

OiE DELEGATE

OiE FOCAL POINT

DVS
Min of Agriculture
Animal Health Act

MCAZ
MASC Act
DD Act

DRSS
Min of Agriculture
FFR Act

Biologicals; Vet Pesticides

All Medicines (VMPs, Vet vaccines, Vet pesticides) Medicated Feed

Feed; Feed Additives

LIAISON IS KEY
Animal Health Consumption data

- Zimbabwe (2013) started compiling & sending AM consumption data to OIE database, based on import data from the MCAZ
- Years submitted 2013-2019 and 2020 (work in progress)
- ToT on AM prudent use supported by FAO, 2016
Human Health Consumption data

- Pilot study was conducted in the years 2017 and 2018 at MCAZ by MoHCC
- Study focused on AMC using retrospective data at MCAZ
- ToT of Health Professionals on AMC/AMU supported by WHO in 2019
Interventions towards better AMU/AMC

**Drafting of Regulations for veterinary medicines (2014-2019)**
Veterinary Medicines and Allied Substances Regulations (Draft form)
- withdrawal periods and MRLs included in the draft
- standalone regulations on veterinary medicines

**Drafting of Medicated Feed Regulations**
The regulations will result in farmers required to seek for prescriptions from vets in the use of antimicrobials in feed

**Drafting of API Regulations**
Active Pharmaceutical Ingredients were not regulated previously. The law will result in regulation of APIs for use in both humans and animals
Challenges

- Limited Human Resources
- Limited National Budget allocation to human health, animal health and agriculture
- Circulation of poor quality medicines (*illegal vendors*) through porous borders
- Limited funding to conduct extensive surveillance of AMU in both human and animals health, we rely on import data (*no fully automated systems yet*)
- National Systems able to do AMC vs AMU
- Lack of centralized system or repository for a national AMU database
Future Plans

- Develop tools for use in AMU/AMC
- Develop and National electronic database on AMC/AMU
- Implement sustainable supervision, audit and feedback mechanisms in health facilities by having functional HMTCs for both human and animal health
- Improve Infrastructure for appropriate storage of AMs (esp. at rural clinics) e.g. for cold chains and ambient temperature storage facilities
- Investigate of the presence and extent of poor quality medicines including counterfeits and unregistered medicines
Thank You!

MEDICINES SHOULD BE SAFE, EFFECTIVE AND OF GOOD QUALITY