PRESERVING THE EFFICACY OF ANTIBIOTICS IS CRUCIAL

**ANIMAL HEALTH**
> 20% of animal production losses are caused by diseases globally

**ANIMAL WELFARE**
Animal health is a key component of animal welfare

**FOOD SECURITY**
> 70% additional animal proteins are needed to feed the world by 2050

**PUBLIC HEALTH**
> 60% of human pathogens are of animal origin
Infections

Stewardship

Human

Veterinary

AMR
Government of Canada Response on AMR

Timeline

Oct 14 AMR Federal Framework
Mar 15 AMR Action Plan
July 16 CG1
May 17 CG2
Sept 17 Pan-Canadian Framework on AMR
Frequently Asked Questions

Are you going to lose access to in-FEED antibiotics labelled for pigs?

NO

All in-feed antibiotics used today will still be available tomorrow.
Frequently Asked Questions

Are you going to lose access to **CLASS I** antibiotics labelled for pigs?

**NO**

All Class I antibiotics that you use today will still be available tomorrow.
Frequently Asked Questions

Will HC move all antibiotics to the PRESCRIPTION drug list?

**YES**

All antibiotics that you use today will require a prescription in the future.
Frequently Asked Questions

Will antibiotics still be available Over the Counter?

NO

All antibiotics that you use today will need to be dispensed by a pharmacist or veterinarian in the future.
Growth Promotion – Medicated Feed Additives

GP label claims **ELIMINATED**

Low Dose – Long Duration

Prevention claims ✓

Treatment claims ✓
Labels – Medicated Feed Additives

Label claims become Pr

✅ Floor stocking

Off-label remain Pr

❌ NO Floor stocking
Increased Veterinary Oversight – Dec 1 2018

HC moving all MIAs to **Prescription**

Including:

- **Feed** Antibiotics
- **Water** Soluble Antibiotics
- **Injection** Antibiotics
Health Canada Categorization
Mandatory Sales Reporting – Jan 1 18

List A sales data provided by:

- Importers
- Manufacturers
- Compounders
Own Use Importation – Nov 13 2017

List B – **eligible** to be imported

**Industry** level application

Individual producers & veterinarians **CANNOT** apply

- Not prescription drug in Canada
- Is in final dose form
- Not medicated premix
- Not MIA
- Approved by recognized FR
- Established MRL in Canada for the active ingredient & species
- Has similar directions for use to a product approved in Canada
- Has no unresolved safety issues
Active Pharmaceutical Ingredients – May 17 2018

Extremely unique situation

Unregulated powders

Extremely limited oversight
Active Pharmaceutical Ingredients – May 17 2018

Drug Establishment License

Good Manufacturing Practices

Direct import & use **NOT** allowed
Veterinary Health Products – Nov 13 17

Regulatory pathway for low risk veterinary health products

- **treat** or **cure** disease
- **maintain** or **promote** the health and welfare of …

Dosage form
Opportunities

**Streamline** Paperwork
  Feed Mills
  Veterinarians

Data

Prescription AMU
AMU & AMR Dynamics
Conclusions

Access to antimicrobials remains intact

Heavy regulatory download on Veterinarians and Feed-mills

AMR and AMU is a global lightning rod.

#changehappens … don’t get left behind!
CQA Drug Use Policy
Responding to Health Canada Regulation Change
Objectives: CQA Drug Use Policy

1. **Food Safety**: To ensure the proper usage veterinary products to prevent drug residues

2. **AMR**: To encourage responsible usage of antimicrobials in order to reduce the development of AMR that could pose a risk to human and/or animal health

3. **Antimicrobial Stewardship**: To demonstrate that Canadian Pork Producers are committed to antimicrobial stewardship and the sustainable use of antimicrobials
Available to Pork Producers

Medications labelled for swine in Canada
Available to Pork Producers

Medications labelled for another food animal in Canada

MRL & Withdrawal
Available to Pork Producers

*Autogenous* Vaccines

CFIA
Available to Pork Producers

Health Canada EDR

Emergency Drug Release

That are unavailable for sale in Canada that are submitted by veterinary practitioners, for the purpose of diagnosing or treating a medical emergency in a patient (or group of animals) under their care.

A veterinary practitioner means a person who is registered and entitled under the laws of a province to practice the profession of veterinary medicine.
Available to Pork Producers

APIs IF they comply with HC Regulations
Available to Pork Producers

OUI IF they comply with HC Regulations

Must be on List B

- Not prescription drug in Canada
- Is in final dose form
- Not medicated premix
- Not MIA
- Approved by recognized FR
- Established MRL in Canada for the active ingredient & species
- Has similar directions for use to a product approved in Canada
- Has no unresolved safety issues
Guidance
MIAs for Growth Promotion

↓ Dose – ↑ Duration
Not to be used by Pork Producers

Class I as an API

NO Water Soluble
Class I’s labelled for food animals in NA
Not to be used by Pork Producers

Class I for Preventive Use

Piglet Processing
Conclusions

All MIA become Pr

OTC sales of MIA antimicrobials STOP

↗ Veterinary responsibility

This is only STAGE 1
#canadianporkadvocate

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