

Regional Swine Conference

Ventilation Workshops update

Antibiotic update

Euthanasia workshops

**Swantek, Stender, Euken, Storlie,
Miller, Steinhart**

Carroll, Sheldon, Nashua, Iowa City

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Antibiotic's in the News–what's up?

- **Societal pressures**
- **MRSA**
 - **Methicillin-resistant Staphylococcus aureus (MRSA)** is a bacterium that causes infections in different parts of the body. It's tougher to treat than most
- **Guidance for Industry (GFI) 209 + 213**
- **Misconceptions of white paper reports**

Antibiotic's in the News

- "Bridging the Gap Between Animal Health and Human Health"

November 12th - 14th, 2013 • Kansas City, MO

- 18 points from conference in a “white paper” report
- 80% of antibiotics manufactured are used in animal industry
- That doesn't mean 80% of animals have been administered antibiotics
- But reports in the popular press has it that 80% have been given antibiotics

The core of the FDA's approach includes:

- 1) No use of medically-important antibiotics for production purposes (to improve growth rate or feed efficiency).**
- 2) All uses of these antibiotics must be under veterinary oversight.**
- 3) Disease prevention is specifically recognized as judicious use of antibiotics in food animals.**

Who does these??

- **Note: Guidance for Industry (GFI) 209 + 213** are asking companies to eliminate production (growth and feed efficiency) claims effectively making most feed and water OTC into Rx or VFD products through voluntary changes by 2016
- **Covered in PQA Plus® v2**

Not “medically important” drugs

- **Currently not controlled by restrictions**
 - **Ionophores - coccidiostats**
 - **Carbodox – Mecadox**
 - **Bambermycin - Flavomycin**
 - **Bacitraxcin – Zn Bacitracin and BMD**
- **Approved use levels remain unchanged**

FDA Inspections

- Random – historically rare at farm level
- For cause inspections – increasing dramatically
 - illegal residue violation –leading cause
 - prior delivery of bulk or prohibited drugs
 - illegal product use
 - high visibility – controversial presence in community
- Authority for inspections at production sites
 - FD+C Act – section 704
 - inspection of processing, holding or transport of food
 - livestock production – MOU - Federal Meat Inspection Act

Producer Investigations

- ❑ **Medication records – use and residue prevention steps**
 - **probable first stop – PQA Plus GPP # 6**
 - **Adequacy of records – 7 required entries**
 - **information captured and retained for 12 months**
 - **Adherence to withdrawal time requirements**
 - **Animal ID practices – avoid premature animal sales**

- ❑ **Examination of all drugs on the premises - inventory**
 - **Injectable and water medications**
 - **Medicated feeds – complete and premixes**
 - **Compounded products – iron/antibiotic?**

Producer Investigations (cont)

- ☐ Examination of drug storage**
 - Adequacy of storage – labels and products**
 - Inventory levels and controls**
 - Access – who can access each type of product?**
 - Who is responsible – maintenance of records etc.**

- ☐ Employee Interviews – may occur during tour**
 - Responsible for drug usage/administration**
 - Training and understanding of training**
 - Evaluate proficiency ??**

- ☐ Records of animals in interstate commerce ??**

FDA Inspections *hints*

Strategies to survive/succeed

- **Be courteous and professional**
- **Be sincere and respectful of their time and purpose**
- **Be truthful – answer only question asked**
 - sniff of “evasion/wrongdoing” = more inspection
 - looking for reasons or causes for public health injury
- **If unclear about question – ask for clarity**
- **Don't offer additional information or explanations**
- **During site visit – be aware of areas of interest**
- **Remember inspector has a public health mandate and they take this role seriously – residues a threat**

FDA Inspections

- **Producer rights/expectations**
 - Allow copies of originals
 - Obtain duplicate samples of any taken by inspector
 - Maintain records of all materials taken
 - If offered, read inspector's report/notes
 - If questions – attempt to clarify in notes (not verbally)
 - Don't sign unless fully agree
 - Signature indicates facts as presented are acceptable

REMAIN CALM, COLLECTED AND PROFESSIONAL *ALL TIMES*

Documentation of usage

- **Inventory purchases**
- **Amounts used**
- **Remaining inventory (reconcile with use?)**
- **Storage areas defined and security**
- **Where are the prescriptions kept**

Summary – take home points

- **Feed and water antimicrobial use will change**
- **Need to determine impacts on operation**
 - **Herd disease profile**
 - **Alternative strategies or products**
- **Steps to control diseases in weaned pigs**
 - **Sanitation, environment, higher weaning age**
 - **Vaccination or elimination of pathogen**
- **Plan with veterinarian**

Summary – take home points

- **Be prepared for inspection**
 - Identify lead person
 - Maintain proper records
 - Know what drugs are in inventory and why
 - Be courteous and truthful during inspection
 - Correct any deficiencies pointed out
 - Seek veterinary help to answer warning letter
 - Make corrections and stick with them
- **At all times – in “food production” business**