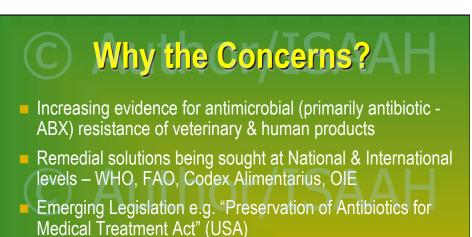


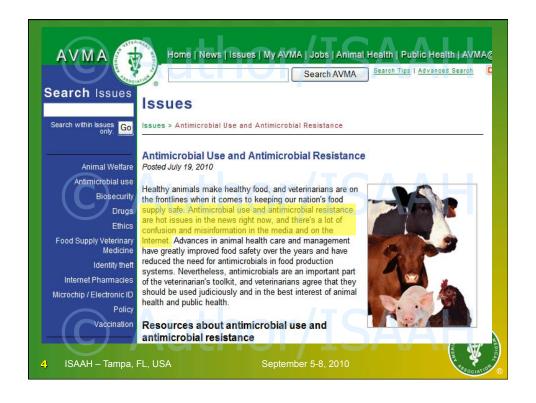
What are the Issues? AVMA's Approach – Judicious Use of Antimicrobials Policy & Guidance Information Key Resources Refining regulatory approaches (VFD process & FDA Guide 208) Additional Resources ISAAH - Tampa, FL, USA



- Focus in animal products esp.:
 - Sub-therapeutic & non-therapeutic uses (growth promotants)
 - Use in livestock
 - "Under the counter" products

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AVMA Judicious Use Guidelines

- Developed 1995-98
- Primary objectives
 - Optimize therapeutic efficacy & minimize resistance to protect public and animal health
 - Science-based
 - Support educational efforts
 - Preserve efficacy for future use
- 13 Principles applied to ABX in all species;
- Primarily as guidance for veterinarians, but applies to any use

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Judicious Use Principles

- Emphasize disease prevention strategies husbandry, hygiene, health monitoring & immunization
- Consider other therapeutic options first
- When necessary, **require VCPR** (veterinarian-client-patient relationship) esp. Rx, VFD & extralabel use
- Extralabel use must adhere to AMDUCA regulations
- Veterinarians should work with users to ensure judicious use regardless of the distribution system

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Judicious Use Principles

- ABX regimens should use current pharmacological information & principles
- Carefully review & justify ABX use when infections are refractory to human or veterinary ABX
- Use narrow spectrum ABX when possible
- Use culture & sensitivity tests and clinical relevance in selecting ABX

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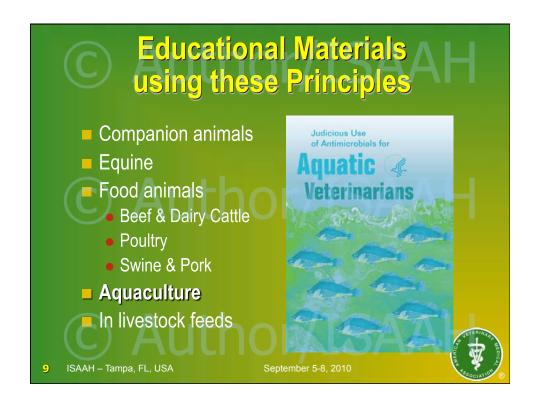


Judicious Use Principles

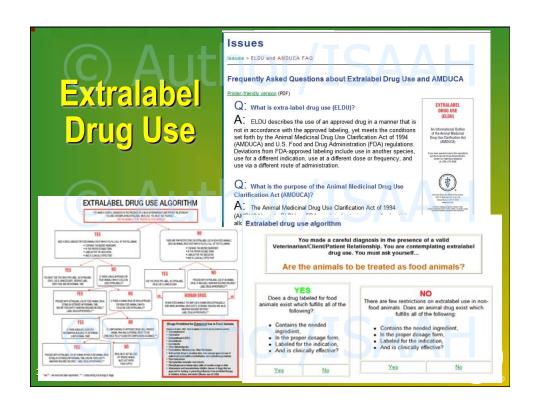
- Use ABX for bacterial infections and not for uncomplicated viral infections
- Optimize length of treatment to desired clinical response
- Limit TX use to ill, at risk animals & fewest animals possible
- Minimize environmental contamination whenever possible
- Use TX records to evaluate therapeutic regimens

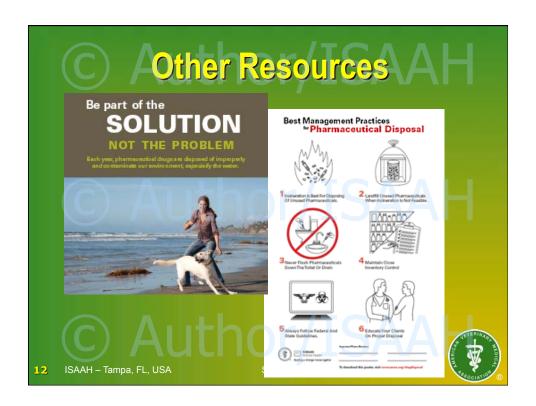
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Veterinary Feed Directive

FDA U.S. Food and Drug Administration

- March 29, 2010 Advance Notice of Proposed Rulemaking & soliciting comments on:
- Potential changes to current regulation related to veterinary feed directive (VFD) drugs
- Particularly suggestions related to improving efficiency
- For use in medicated feeds administered under a veterinarian's order and supervision
- Some consider VFD process as being overly burdensome
- Problematic for future increases of approved VFD drugs

Approved VFDs - ; Florienical

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AVMA Suggestions

- Similar paperwork as Rx drugs, including retention, & refill requirements
- e-VFDs
- Flexible Dosing applicable VFD drug dosage for prevention, treatment, and control of disease
- Patient Specification multiple barns / geographic locations
- Extralabel for minor species
- "Tiers" or "Batch" VFD Orders:
 - Tier 1 (low human health concern); Tier 2 (greater human health concern)
 - Batches similar groups of animals for set time period

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