

Tennessee One Health Meeting

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Controlled Substance Abuse in Veterinarians

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- Public health emergency re: opioid misuse in America
- National statistics:
 - Misuse: 11.4 million
 - Opioid use disorder: 2.1 million
 - 53.1% obtained from a friend/relative
 - 36.7% had rx from healthcare provider
 - ID consequences: HIV, Hepatitis C & B, Endocarditis, and skin-bone joint injections
- National Drug OD deaths
 - Series of slides: 16,849-70,000 1999-2017
 - 2017 Deaths: 70,237; 66% males
- Good news nationally – 2017 – 2018 decline of 5.1% impacts in Iowa alcohol, meth, marijuana opioids death increasing
- 67,206 deaths in Iowa opioid overdose increases for men or women
- Veterinarians commonly rx controlled substances; legal and ethical responsibility to rx appropriately and safeguard against misuse
- Began looking for resources for vets 2 years ago, couldn't find any so created some!
- Resources to help vets prevent misuse: IDPH & IVMA
- Iowa has developed a resources for vets:
 - Resource guide
 - Handouts for veterinarians
 - Handouts for clients
 - Available on IDPH and IVMA websites when completed
- Red flags for vets to watch out for:
 - New patient
 - Late night or weekend appointment when previous veterinary hospitals are closed.
 - Veterinary hospital is far from client's home.
 - Claims to be from out of town, just moved to the area or visiting relatives.
 - Incomplete or missing records from previous veterinary care.
 - Suspicious clinical exam findings
 - Unusual injury
 - Exam inconsistent with history
 - Suspicious client behaviors
 - Requesting med by name, large quantities, high doses
 - Refusing diagnostics

- Cash pay
 - Early refills
- Considerations
 - Ensure valid veterinary-client-patient relationship
 - Verify client and patient identity
 - Thorough documentation
 - Alternative therapies
- Utilize prescription monitoring program if available!
 - Minimize dispensing from veterinary hospital
 - Restrict access to rx pads

Salmonella Outbreaks Linked to Backyard Poultry

Samir Hanna, MD, MPPH (Epidemiologist, Foodborne Disease Program, TN Department of Health)

- *Salmonella* burden:
 - 400 deaths
 - \$2.5 million animal cost
 - 11% attributed to animal expense.
 - 1 case reported = 30 cases unreported
- >2500 serotypes
 - 30 identified to be carried by poultry
- Poultry look healthy and clean!
- Transmission methods:
 - Transovarian
 - Horizontal
- Since 2000, 76 *Salmonella* outbreaks linked to backyard poultry
 - >5000 illnesses
 - 950 hospitalizations
 - 7 deaths
 - Multiple serotypes
- In TN in 2019:
 - 67 cases; 9 clusters
 - Most reported touching, cleaning cage, feeding
 - 89% had owned poultry <6 months
 - 52% bought at Tractor Supply
- Ongoing efforts to control *Salmonella* at the hatchery level
 - 20 core hatcheries produce >50 million chicks/year
 - USDA National Poultry Improvement Plan (NPIP)
 - Establishes standards for the evaluation of poultry and hatching eggs
 - Provides certification that poultry shipped are disease free
 - Annual premises inspection and annual records audits
 - “US *Salmonella* Monitored” and “US Sanitation Monitored” programs
- Always need for ongoing education!