

KCRVTA NEWS

March 2017

Association Update

Hard work pays off! We are so excited about the growth of the KCRVTA. The support and response from the KC veterinary community has been wonderful! THANK YOU to everyone for your continued support.

March 30th is our first CE lecture featuring Tara Culley, DVM. The session is approved for 1.5 hours of CE in MO and KS. Huge shout out to Dechra for sponsoring the CE!

KCRVTA is excited to offer one-time, discounted membership to new graduates after passing the VTNE!

YOU SPOKE—WE LISTENED!

Votes were tallied from the December networking event for t-shirt designs. Two designs will be available at the March 30th CE event. Hurry while supplies last!

What's Next?

KCRVTA Social Event
Continuing Education Session #2!!
Career Fair

Palinoa

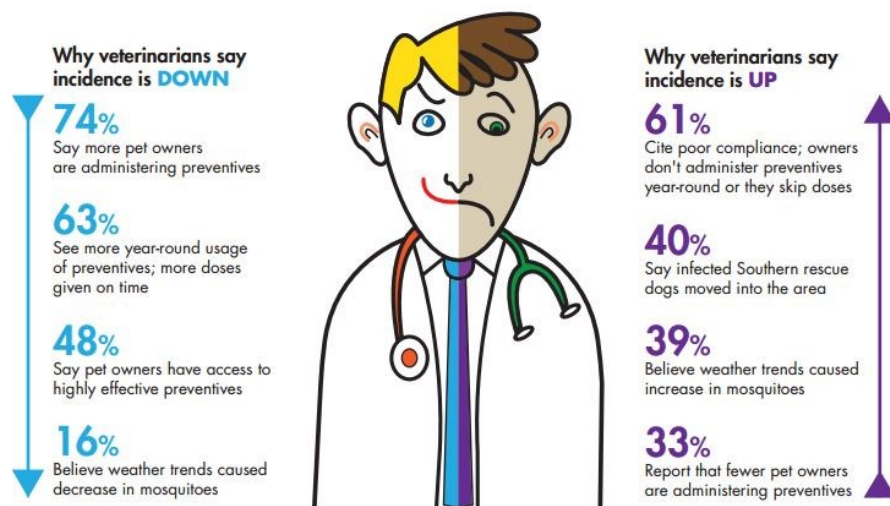
(n.) the obsessive repetition of an act until it is mastered or perfected.

April is Heartworm Awareness Month!

Take a stand against heartworm disease.

The American Heartworm Society is the authority for all things heartworm related and is an amazing resource for veterinary treatment and prevention strategies. They also have wonderful, FREE, demographics, videos, and brochures for use with clients. Client education is the key to decreasing the incidence of heartworm disease.

Heartworm Incidence: Up or Down? Veterinarians Weigh In



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Take the Bait

Update on Rodenticide Toxicity

Shannon Quinn, RVT

“My dog ate rat poison” is not a cut and dry situation. Assorted rodenticides are toxic in completely different ways. It is essential that technicians understand these toxic compounds when gathering information from clients and treating patients. Here is a chart to get you started with the basics of differentiating the four main types of rodenticide toxicities seen in pets.

Rodenticide Type	Why it's Dangerous	Potential Clinical Signs	Antidote	Treatment Pearls
Long-acting Anticoagulants	These compounds reduce vitamin K levels, which are integral for activation of clotting factors II, VII, IX, X	Pale mucous membranes, lethargy, petechia/ecchymosis, dyspnea, cough	Vitamin K	When giving oral vitamin K, give with a meal for better absorption (vitamin K is a fat- soluble vitamin)
Cholecalciferol (Vitamin D ₃)	This toxin causes continually increasing calcium and phosphorus levels leading to acute kidney injury	PU/PD, weakness, lethargy, anorexia, hemorrhagic diarrhea, vomiting	None	Renal failure can occur within 12-36 hours of ingestion. These patients will require renal/calcium/phosphorus monitoring for 2 – 4 weeks
Bromethalin	This neurotoxin causes an inability to maintain K ⁺ and Na ⁺ pumps, which leads to cerebral and spinal cord edema	Hind-limb ataxia, paresis, vocalization, CNS depression, muscle tremors, vomiting hyperexcitability, hyperthermia, hyperesthesia, seizures	None	It may be necessary to repeat activated charcoal up to every 6 hours for 24 hours... sounds like fun, right?! Lower dose ingestions may not show signs for 72 – 96 hours after ingestion
Zinc Phosphide	These chemicals release a toxic phosphine gas once exposed to the low pH of stomach acid. Systemic absorption causes kidney, liver, lung, and brain damage	Stomach distension, abdominal pain, collapse, severe muscle tremors, weakness, salivation, vomiting, seizures, dyspnea	None	This gas is harmful to you if inhaled...it is said to have garlic odor! Hydrogen peroxide emesis induction is not ideal, due to it lowering stomach pH further

STAY SMART! UPCOMING CE EVENTS

BluePearl Veterinary Partners, OPKS
May 10, 2017

Central Veterinary Conference, Virginia
May 18th—21st, 2017

ACVIM, Maryland
June 8th—10th, 2017

AVMA, Indiana
July 21st—25th, 2017

Events In and Around KC

KC Pooch Party! NY Dog Film Fest
Country Club Plaza, April 8th, 2017

Going to the Dogs! Trivial Pawsuit
Lenexa, April 27th, 2017

Parking for Paws
Lawrence, May 27th, 2017

Tops Down! Tails Up!
Lee's Summit, June 10th, 2017



Photo by Mandi Chamberlain, RC Farms

We Want to Hear From YOU!

We are nothing without our members!
All feedback and ideas are welcomed.

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