




Pet First Aid

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One path to veterinary medicine

- Hoosier, Cornhusker, Bronco
- Bachelor of Arts in Chemistry
 - Kenyon College
- Agriventure
 - Taupiri, New Zealand
- Master of Science in Animal Science
 - University of Arizona
- Veterinariae Medicinae Doctoris
 - University of Pennsylvania

Toxins around your home

- Your dog or cat is a toddler
- Food: chocolate, grapes, raisins, onions, garlic, xylitol
- Garbage
- Plants: lilies
- Rodenticides
- Antifreeze
- Human medications

What to do if
they do eat
something
bad?

- Call your vet
- Contact poison control
 - Pet Poison Helpline 855-886-7965
 - petpoisonhelpline.com
 - ASPCA Poison Control 888-426-4435
 - aspca.org

No emesis

- Already symptomatic
- Risk of aspiration pneumonia
- Certain toxins (petroleum products, cleaning solutions, strong acid or alkali)
- Bones or other sharp objects



Inducing vomiting

- At home
 - Dogs only
 - 3% hydrogen peroxide: give 1 mL/kg by mouth, if no vomiting in 5-10 minutes give 2 ml/kg, do not exceed 5 ml/kg total
 - 15 mL = 1 tablespoon
 - 2.2 pounds/kg
 - 80 pound dog would get 2 Tbs. (max of 4 Tbs.)

Other options

- In the clinic – apomorphine
- Help the object pass with white bread and canned asparagus



Insect bites/allergic reaction

- Diphenhydramine (generic Benadryl) 2-4 mg/kg by mouth every 8-12 hours
- Number of pounds of body weight = number of mg
- Liquid Benadryl 12.5 mg/5 ml
- Can also be used for pruritis, slight sedation for travel and motion sickness

Travel

- Food, water, medication
- Appropriate restraint (carrier, leash/collar)
- Practice, practice, practice
- Adaptil/Feliway
- Patients should not be sedated when traveling in cargo
- Appropriate paperwork (APHIS Pet Travel)

Normal vitals

Dog

- Heart rate 70-140 bpm
- Resp rate 10-30 rpm
- Temp 100-102.5

Cat


- Heart rate 150-220 bpm
- Resp rate 16-30 rpm
- Temp 100-102.5

What is an emergency

- Straining to urinate
- Paralysis/collapse
- Seizure lasting more than 3 minutes or having 2 or more in a 24 hour period
- Nosebleed, bruising, port wine colored urine
- Eye injury
- Hit by car
- Allergic reaction
- Difficulty breathing
- Pale gums
- Dry heaving/retching/restlessness/panting

24 hour clinics

- Veterinary Specialty Center, Buffalo Grove
- Companion Animal Specialty and Emergency, Crystal Lake
- Dundee Animal Hospital, Dundee
- Golf Rose Animal Hospital, Schaumburg
- Premier Veterinary Group, Grayslake



Safety first! All animals can bite or scratch!

- Handling an injured pet
- Muzzle
- Makeshift stretcher or carrier

CPR

- Most patients who suffer from cardiac arrest are unable to be saved, even with CPR
- Make sure the animal is actually arrested and unconscious
- Rescue breathing and chest compressions

CPR

- Ensure an open airway
- Observe for effective breathing
- Begin rescue breathing (mouth to snout)
- Give 3-5 full breaths, reassess
- 10 breaths per minute and 100-120 chest compressions per minute
- Ideally give breaths during compressions, or 2 breaths after every 30 compressions

Vet endorsed web sites

- veterinarypartner.com
- indoorpet.osu.edu
- avma.org
- aspca.org/apcc
- petpoisonhelpine.com
- capcvet.org

Varied life of a veterinarian

- DVM/VMD/PhD
- United States Army
- Poultry, swine, equine, dairy, beef, small ruminant, exotics, fish, bees
- Boarded specialty
- Meat inspection
- Drug development



Questions?