

# Veterinary Compounding

## Potential Veterinary Needs

- Flavoring dosage forms that make it easy, even fun, to dose an animal:
  - Chocolate/peanut butter suspension for hyper insulin in ferrets
  - Stool softner in beef flavored gelatin balls
  - Good tasting marshmallow, liver, beef, chicken, or fish flavored suspensions
- Custom strength medications for seizures, diabetes, hyperthyroidism, parasitic infections, appetite stimulation, etc.
- Low dose, longer acting insulins
- Inhalations therapy with ultrasonic nebulizers to treat kennel cough for dogs
- Antidotes/treatments for accidental animal poisoning
- Vitamins and tonics
- NSAIDs transdermally to avoid GI tract irritation
- Antifungal inhalation for bird
- Commercially unavailable, combination, custom-formulated products
- Protective medicated coatings for wounds or stitches (coatings which are difficult to lick off)
- Transdermal, anti-inflammation gel for torn ligaments
- Hard-to-find medication for urinary tract incontinence
- Transdermal anti-motion sickness medicine that can be applied to outer ear surface
- Concentrated solutions for birds & reptiles, matching the dose according to the animal's size
- Injections and liquids for metal toxicities
- Combinations or fortified ophthalmic formulas
- "Hairball" remedy for cats
- Custom shampoo to treat "rain-rot," a fungal infection in horses

## Customized Veterinary Compounding Needs

Pharmacists and veterinarians can work together to improve and maximize the therapeutic success and compliance of pets, exotics, wildlife, zoo animals, large & small animals (and reduce the overall cost of animal care).

### Veterinary preparations currently compounded:

- Alternate dosage forms
- Sterile injections
- Creams, ointments and lotions
- Ophthalmic preparations
- Commercially unavailable medications
- Flavor specialization
- Sugar-free formulations
- Topical powders
- Transdermas
- Chewable flavored troches
- Oral suspensions and paste
- Otic insufflations
- Gels - topical/oral
- Rectal enemas
- Iontophoretic formulations
- Rectal suppositories
- Individualized concentrated doses
- Combination medication
- Medicated biscuits/treats
- Inhalation therapy
- Otic solutions and non-aqueous suspensions



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