Going Deeper: More Resources About Common or Concerning Shelter Infectious Diseases

Handout for Curbing Infectious Diseases Webinar (8/16/23)
See also: [link to fast facts chart]

Navigating this document

All underlined text in this document is a clickable link to an online resource. Feel free to browse. If there is a particular topic you are interested in you can use the Outline (clickable) to the left of the page to navigate to a topic of interest, and/or use Ctrl+F to search for a particular word or phrase.

Specific Diseases

Parvovirus:
- Feline Panleukopenia
- Canine Parvovirus
- Parvovirus Protocol

Canine Infectious Respiratory Disease (CIRDC):
- Kennel Cough
- Canine Distemper Virus
- Canine Influenza
Streptococcus zooepidemicus

Feline Infectious Peritonitis/Feline Coronavirus (FIP/FCoV)

Feline Calicivirus, Feline Herpesvirus, other Feline Upper respiratory pathogens

- Feline Calicivirus & Virulent Systemic Feline Calicivirus (VS-FCV)
- Feline Upper Respiratory Infection (URI) Discussion
- How can I decrease the spread of feline URI within my shelter?
- Are oral ulcers in cats always due to calicivirus?
- Is Lysine Use for Cats with URI beneficial?

Feline Leukemia Virus (FeLV)

- Why are some shelters no longer testing all cats for FeLV and FIV?

Feline Immunodeficiency (FIV)

Rabbit Hemorrhagic Disease Virus (RHDV/RHDV2)

Ringworm (Dermatophytosis)
Effective Disease Prevention and Management

Capacity for Care, Length of Stay, Population Management

- Overview of Capacity for Care (C4C)
- Reducing the number of CIRDC cases in the shelter
- Strep tococcus equi subspecies zooepidemicus: Preventing an outbreak
- Space per animal to help avoid crowding
- Length of Stay (LOS)
- New Paradigms for Shelters and Community Cats

Welfare, Stress Mitigation

- Playgroups: Should we be worried about infectious disease?
- Enrichment for Dogs with Canine Infectious Respiratory Disease Complex (CIRDC)
- Feline Upper Respiratory Infection (URI) Discussion
- Enrichment recommendations for both dogs and cats in shelters
- What kind of bedding, toys, and litter are appropriate for cats undergoing ringworm treatment?
- Does giving cats a hiding space make them less adoptable?
- How to make partial cage covers aka “CURTAILMENTS”

Facility Design, Housing, HVAC considerations

- What is double-compartment (aka double-sided) housing and why is it essential for housing cats and dogs in animal shelters, clinics, and hospitals?
- Parvovirus prevention within shelters utilizing double sided housing
- Air duct maintenance and cleaning
- Facility Design and Animal Housing
- Feline housing considerations in a shelter/rescue, veterinary hospital or boarding facility
- Combining, Mixing or Co-housing Unrelated Kittens
- Group Housing Calculator for Cats
Vaccination

- Vaccination in Animal Shelters
- How many vaccines are required prior to adoption?
- Is there a maximum number of FVRCP vaccines a kitten should receive between 4-20 weeks?
- Vaccination on Intake with a High Return-to-Owner (RTO) Rate
- Should my shelter be vaccinating dogs for Canine Influenza (CIV)?
- Which Bordetella Vaccine to Use and Why?
- FVRCP Vaccines and Inactivated Two-Way Calicivirus Vaccine Use in Shelters
Effective Sanitation/Biosecurity

- What specific concentrations of Rescue/Accel are best for 'spot' cleaning and 'full' cleaning, and when is each type of cleaning appropriate?
- Spot cleaning dog kennels
- Spot Cleaning Cat Cages
- Rescue Concentrations for Spot Cleaning Cat Kennels and Shared Rooms
- What is the best way to clean effectively but minimize stress?
- Is there such a thing as bleach resistant panleukopenia or parvo?
- Will Accel (Rescue disinfectant) kill parvo in grassy areas, specifically when puppies are housed in outdoor kennels on grass?
- Considerations for "out-of-cage" time
- Is it OK to house a parvo puppy for treatment in the same isolation room as a kitten with feline URI syndrome?
- Multi-dog housing: Is spot cleaning still appropriate?
- Should We Isolate a Cat With URI?
- Use of air sanitizers in the shelter setting
- What are your recommendations on how to handle puppies safely in a shelter?
- Sanitation and Parvovirus
- What specific concentrations of Rescue/Accel are best for 'spot' cleaning and 'full' cleaning, and when is each type of cleaning appropriate?
- Hand sanitation in an animal shelter
- Do the viruses that cause feline respiratory infections spread in the air? If so, how far apart do we need to house cats to reduce Feline URI in the shelter?
- What is a safe distance to position cat kennels so as not to spread disease should one of them get URI?
Outbreak Response, Risk Assessment, and Mitigating Spread

- **Steps to contain disease outbreak**
- **Risk Assessment:** How do you decide how much to worry about exposed animals?
- **What protocols are recommended to reduce the incidence of parvovirus infections when transferring puppies?**
- **Should shelters have mandatory intake quarantines?**
- **Developing infectious disease policies and protocols in an animal shelter**
- **Calicivirus--Questions after an outbreak**
- **When to Quarantine Cats Exposed to Feline Panleukopenia**
- **RISK FACTORS FOR DISEASE OUTBREAKS**

Diagnostic Tests

- **What is the latest information available about vaccines for, and diagnosis and treatment of panleukopenia?**
- **Risk Assessment in case of Parvovirus Outbreak**
- **Recommendations for Respiratory Disease Testing in Shelter Dogs**
- **In-house Antibody Titer Testing**
- **How do you test for virulent systemic calicivirus in recovered cats?**
- **FIV Exposure and Testing**
- **My kitten foster has had FeLV turn up in her herd, exposing dozens of cats. Do we test everyone? And then what do we do with the positives?**
- **Accuracy of Wood's Lamp Exams for Diagnosing Dermatophytosis**