



TOP 5 DEADLY BUGS IN PRACTICE

Veterinary Cheat Sheets for Zoonotic Diseases

<p>PATHOGEN</p>  <p>Leptospirosis</p>	<p>PATHOGEN GROUP Bacteria</p> <p>MODE OF TRANSMISSION</p>  <p>Ingestion</p>
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WHO IT AFFECTS

Almost all mammals are susceptible to leptospirosis, including dogs, ferrets, people, and in some rare cases, cats.

HOW TO PREVENT

- **Vaccinate!**
- Limit opportunities for wildlife to contaminate food and water bowls; clean food and water bowls routinely, especially if left outdoors.
- Limit pets' contact with puddles, marshes, stagnant water and other water sources that could be frequented by wildlife.
- Wear gloves when contacting urine, fecal, or otherwise contaminated areas and avoid aerosolizing organic material when cleaning.

DISINFECTION PROTOCOL WITH AHP® (RESCUE™)

Both ACVIM and the Centre for Food Security and Public Health at Iowa State University include Accelerated Hydrogen Peroxide® as an acceptable disinfectant for cleaning and disinfection to minimize transmission of Leptospirosis. Rescue™ can be used to clean and disinfect contaminated food and water dishes, as well as contaminated surfaces that animals might lick/touch and ingest bacteria.

For more resources, visit: RescueDisinfectants.com

Content written by Dr. Jenifer Chatfield, Dipl. ACZM, Dipl. ACVPM

CONTACT TIME & DILUTIONS

Rescue™ Concentrate

- 1:16 dilution (8 oz/gallon of water)
- 5 minute contact time on surfaces



CONTACT TIME



Rescue™ Ready-to-Use Liquid or Wipes

- 1 minute contact time on surfaces



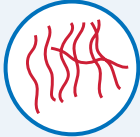

CONTACT TIME




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<p>PATHOGEN</p>  <p>Tick-borne Diseases (Lyme, CCHF, Rickettsial diseases)</p>	<p>PATHOGEN GROUP Vector-borne</p> <p>MODE OF TRANSMISSION</p>  <p>Vector Borne (tick bite)</p>
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WHO IT AFFECTS

- **Lyme Disease** can affect people, dogs, and in some rare cases, cats.
- **CCHF** can affect cattle, goats, sheep, hares, people, birds.
- **Rickettsial diseases** affect people and animals. They are most often reported in dogs, but can also be found in goats, deer, cats, horses, and other livestock.

HOW TO PREVENT

- Routine tick prevention.
- Vaccine available (Lyme Disease).

DISINFECTION PROTOCOL WITH AHP® (RESCUE™)

According to EPA and FDA, no disinfectant is allowed to claim efficacy against parasites. However, due to AHP®'s surfactant package and superior cleaning abilities, all AHP® products have the ability to help remove parasite eggs from surfaces and in turn, reduce the chance of it spreading. Maintaining a clean environment can also help prevent the presence of parasites.

CONTACT TIME & DILUTIONS

Rescue™ Concentrate
As surface disinfectants are not approved for efficacy against parasites, there are no specific instructions for Rescue™, however we recommend:

- 1:64 dilution for daily cleaning and disinfection (2oz/gallon of water)
- 5 minute contact time on surfaces



CONTACT TIME



Rescue™ Ready-to-Use Liquid or Wipes

- 1 minute contact time on surfaces




CONTACT TIME

For more resources, visit: RescueDisinfectants.com





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TOP 5 DEADLY BUGS IN PRACTICE

Veterinary Cheat Sheets for Zoonotic Diseases

<p>PATHOGEN</p>  <p>MRSA</p>	<p>PATHOGEN GROUP Bacteria</p> <p>MODE OF TRANSMISSION</p>  <p>Direct Contact</p>
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WHO IT AFFECTS

MRSA can affect any animal (including people), but generally only produces pathology if the host is under stress, or otherwise immunocompromised.

HOW TO PREVENT

Routinely disinfect treatment and exam areas. Implement clinical protocols to embrace antimicrobial stewardship with sensitivity testing as often as possible prior to initiating antimicrobial therapy.

DISINFECTION PROTOCOL WITH AHP® (RESCUE™)

Rescue™ carries an efficacy claim against multiple strains of MRSA, and can be used to clean and disinfect patient contact surfaces to prevent fomite transmission of MRSA. Cleaning and disinfection protocols should also focus on high-touch surfaces that are frequently contacted by clinic staff, including light switches, door handles, stethoscopes, etc.

CONTACT TIME & DILUTIONS

Rescue™ Concentrate

- 1:16 dilution (8 oz/gallon of water)
- 5 minute contact time on surfaces



CONTACT TIME



Rescue™ Ready-to-Use Liquid or Wipes

- 1 minute contact time on surfaces



CONTACT TIME



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PATHOGEN



Parasites *Toxoplasma gondii* (Toxo), *Baylisascaris procyonis* (Raccoon roundworm)

PATHOGEN GROUP

Parasitic

MODE OF TRANSMISSION



Ingestion

CONTACT TIME & DILUTIONS

Rescue™ Concentrate

As surface disinfectants are not approved for efficacy against parasites, there are no specific instructions for Rescue™, however we recommend:

- 1:64 dilution for daily cleaning and disinfection (2oz/gallon of water)
- 5 minute contact time on surfaces



CONTACT TIME



WHO IT AFFECTS

- *Toxoplasma gondii* can infect almost all warm-blooded animals including dogs, cats, people, pocket pets, etc.
- *Baylisascaris procyonis* can infect birds and mammals including people, dogs, cats, ferrets, etc.

HOW TO PREVENT

- To prevent infection with *T. gondii* in pets (other than cats), limit contact with cat feces and keep cats out of garden areas.
- Wear gloves and wash hands promptly following contact with any fecal material.
- To prevent *B. procyonis*, limit raccoon exposure, and administer routine monthly deworming.

DISINFECTION PROTOCOL WITH AHP® (RESCUE™)

According to EPA and FDA, no disinfectant is allowed to claim efficacy against parasites. However, due to AHP®'s surfactant package and superior cleaning abilities, all AHP® products have the ability to help remove oocytes (parasite eggs) from surfaces and in turn reduce the chance of it spreading. Maintaining a clean environment can also help prevent the presence of parasites.

Rescue™ Ready-to-Use Liquid or Wipes

- 1 minute contact time on surfaces



CONTACT TIME

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PATHOGEN



Enveloped Virus

PATHOGEN GROUP

Influenza

MODE OF TRANSMISSION



Respiratory Droplets

WHO IT AFFECTS

Most commonly affects birds and mammals including dogs, cats, horses, pigs, and cheetahs - nearly every animal is potentially susceptible to a novel influenza infection.

HOW TO PREVENT

- Isolate animals infected with respiratory infections in hospitals. Implement routine disinfection procedures, and limit number of staff in contact with potentially infected patients.
- Vaccinate dogs and cats (as necessary).
- Limit domestic birds' contact with wild birds.
- Disinfect following contact with any animal with respiratory infections.

DISINFECTION PROTOCOL WITH AHP® (RESCUE™)

Rescue™ carries multiple efficacy claims against influenza viruses, including human, canine, equine and avian influenza viruses. Therefore, is expected to be effective against all strains of influenza, and can be used to clean and disinfect patient contact surfaces throughout the facility. As influenza is associated with respiratory droplet transmission, we recommend avoiding spray applications when applying a disinfectant, to prevent aerosolization of the virus.

CONTACT TIME & DILUTIONS

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- 1:64 dilution (2 oz/gallon of water)
- 5 minute contact time on surfaces



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