

Infection Prevention Leader Certificate Program

GET STARTED:



These RACE approved courses and the Infection Prevention Leader Certificate Program is brought to you by Virox Technologies and NAVTA.

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The Infection Prevention Leader Certificate Program will provide you with the knowledge you need to reduce the risk of spreading infection and create a safer workplace for your team, patients, and clients.



You will receive an Infection Prevention Leader Certificate to print and display in your workplace when you successfully complete all four courses.



The Certificate Program consists of:

4 complimentary RACE approved courses

5 hours CE credit



COURSE 1:

Infectious Disease Control: Pathogens & Disease Transmission

1 RACE Credit

OVERVIEW:

This course explores several zoonotic pathogens common to animal care settings discussing routes of transmission and clinical signs in order to explore mechanisms for prevention. Common questions such as “Can I or my pet get it?” or “Can we give it to each other?” can be answered only after the team fully understands the pathogens causing the disease. This course also looks at the difference between quarantine and isolation and when each is appropriate. In addition, this course introduces standard mechanisms for controlling disease transmission in a clinical setting.

COURSE 2:

Infectious Disease Control: Infection Prevention

1 RACE Credit

OVERVIEW:

Epidemiological concepts fundamental to infection prevention, such as the “epidemiological triangle”, establish the need for infection control in animal care settings. Types of pathogens and key features of each are explored with those commonly encountered in animal care settings specifically discussed. The importance of general pathogen classifications to infection control plans is also explored.

COURSE 3:

Infectious Disease Control: Cleaning, Disinfection & Sterilization

2 RACE Credits

OVERVIEW:

Environmental and equipment cleaning, disinfection, and (in some settings) sterilization are critical to preventing workplace-associated infections. Effective infection control protocols require identifying the steps and correct procedures needed for success. This course reviews the components of an effective protocol along with common disinfection pitfalls and their solutions. Lastly, the course outlines how to adjust the workplace cleaning, disinfection, and sterilization protocols to better protect the health of both animals and people.



If the COVID-19 pandemic has taught us anything, it has highlighted the importance of routine infection control practices for all facilities, including cleaning and disinfection, in reducing the risk of spreading infection.



To get started visit:
navta.net/infection-prevention-program

WORKPLACE INFECTION RISK

Inherent Contamination

WHY IS CLEANING, DISINFECTION AND STERILIZATION SO IMPORTANT FOR WORKPLACE HEALTH?

To understand the answer, we must realize that every person – ourselves, other staff members, clients – and every animal is carrying pathogens on their body and in their body that can cause infections in others.

And people and animals frequently shed these organisms into our workplace – by coughing, sneezing, or simply touching the environment. Locations where many animals and people interact may have increased numbers of these pathogens.



PATHOGENS

Classification of Pathogens

BY BIOLOGICAL TYPE:

BACTERIA

VIRUSES

FUNGI

PROTOZOA

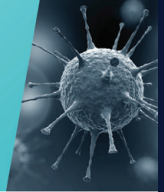
HELMINTHS

PRIONS

Viruses

Viruses are not made up of cells. Amongst the smallest of all microbes, they are either RNA or DNA (but not both) wrapped in a protein coat. They need a host to replicate, and their replication process results in more mutations, or "mistakes", than other microbes.

Viruses that you may encounter in a clinical setting are parvovirus (canine distemper), influenza, parvovirus, feline immunodeficiency virus and feline leukemia virus.



COURSE 4:

Infectious Disease Control: Implementation & Communication

1 RACE Credit

OVERVIEW:

Knowledge without implementation is knowledge underutilized. Implementation itself requires a separate set of skills and accessible resources that will lead to the creation of a formal infection control program, or to refining an existing one. In addition, once the protocols have been determined, they must be communicated to all members of the animal care team as well as to clients. The creation of effective infectious disease control protocols is not the final step. Rather, practices need to set in place a robust and continuing assessment and compliance evaluation process to ensure success, resulting in a safer workplace for team members, clients, and animals. This course will provide the key actionable steps and resources needed to create, assess, refine, and communicate effective infection control protocols to optimize success.

STEP 2: PERFORM INFECTION CONTROL ASSESSMENT

Assess Your Facility

The second step in developing an infection control program is to figure out where to dedicate your time and resources to optimize the program. To do this, perform an infection control assessment – assessing your facility's infection control strengths and weaknesses to target the areas of greatest need.

Make sure to get input from various personnel in different jobs to ensure your assessment accurately reflects your facility and needs across all relevant areas.



EPIDEMIOLOGIC TRIANGLE

The Environment

Air Purification

Air purification systems for use in clinical practice exist, many of which use ultraviolet (UV) light or radiation to inactivate common airborne infectious agents.

However, the best way to ensure that you and your patients are breathing clean air is to avoid exposure to airborne pathogens by instituting and adhering to effective isolation protocols in your infection control plan.



ABOUT THE AUTHORS:

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Jason Stull is an Assistant Professor in veterinary medicine at the Atlantic Veterinary College and The Ohio State University. Over the past 15 years, he has been involved in veterinary infection control, protecting people and animals from infectious diseases. He has lectured to business owners and staff in animal group settings, and conducted outbreak investigations and research on infection control-related topics. He holds a VMD from the University of Pennsylvania, Masters in Preventive Veterinary Medicine from the University of California at Davis, and PhD in veterinary infectious disease from the University of Guelph. He is a Diplomat of the American College of Veterinary Preventive Medicine.

Jenifer A Chatfield, DVM, Dipl. ACZM, Dipl. ACVPM

Jenifer Chatfield is the board-certified Staff Veterinarian at 4J Conservation Center and the Chief Strategy Officer for Vet Candy, LLC. Dr. Chatfield is a Diplomat of both the American College of Zoological Medicine (ACZM) and the American College of Veterinary Preventive Medicine (ACVPM). She is an instructor for FEMA/DHS courses and was a Regional Leader for the National Disaster Medicine System Team for several years. Dr. Chatfield has a particular interest in infectious diseases and biosecurity and her work for the Dept. of Homeland Security's courses has been focused on topics such as foreign animal diseases, quarantine and isolation, and malicious introduction of pathogens.