Infection Control in Veterinary Settings Training Course

Professional Development Training Course Outline

Category	Veterinary and Animal Science	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Infection control in veterinary settings is critical to safeguard both animal and human health. With the rise of zoonotic diseases, antimicrobial resistance, and hospital-acquired infections, veterinary professionals must adopt evidence-based practices, strict biosecurity protocols, and standardized hygiene measures. This training course emphasizes risk assessment, contamination prevention, and outbreak management, ensuring clinics and hospitals maintain high-quality patient care and comply with global veterinary safety standards. Participants will gain hands-on skills in infection surveillance, sanitation techniques, and pathogen control, equipping them to handle emerging threats in modern veterinary practice.

Infection Control in Veterinary Settings Training Course combines interactive learning, real-world case studies, and practical demonstrations to foster competency in infection control. It addresses challenges such as multi-drug resistant organisms, surgical site infections, and cross-contamination in clinical settings. By integrating latest technological tools, hygiene audits, and emergency response protocols, participants will develop a proactive infection prevention culture. This program is designed for veterinary teams aiming to reduce occupational hazards, protect vulnerable animal populations, and ensure sustainable, safe veterinary operations.

Programme Curriculum

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Course Duration

5 days

Course Objectives

1. Understand zoonotic disease transmission and prevention strategies.
2. Implement biosecurity protocols in veterinary clinics and hospitals.
3. Apply antimicrobial stewardship to reduce drug-resistant infections.
4. Develop risk assessment frameworks for infection outbreaks.
5. Conduct environmental hygiene audits in veterinary settings.
6. Master sterilization and disinfection techniques for clinical equipment.
7. Implement isolation procedures for contagious animals.
8. Train staff on hand hygiene compliance and PPE usage.
9. Monitor infection surveillance systems for early detection.
10. Manage surgical site infections with evidence-based protocols.
11. Integrate emergency outbreak response plans.
12. Promote a culture of infection prevention and safety.
13. Evaluate infection control program effectiveness using key performance indicators (KPIs).

Target Audience

1. Veterinarians in private or hospital practice
2. Veterinary nurses and technicians
3. Laboratory animal care staff
4. Infection control officers in veterinary settings
5. Clinic managers and administrators
6. Veterinary public health professionals
7. Students in veterinary medicine programs
8. Veterinary sanitation and maintenance staff

Course Modules

Module 1: Introduction to Infection Control in Veterinary Medicine

- Overview of **zoonotic pathogens**
- Principles of **biosecurity and hygiene**
- Epidemiology of **veterinary-acquired infections**

- Case study: **Outbreak of canine parvovirus in a shelter**
- Risk mapping and clinic layout considerations

Module 2: Hand Hygiene and Personal Protective Equipment (PPE)

- Techniques for **effective handwashing** and sanitization
- Selection and use of **gloves, masks, gowns, and eye protection**
- Compliance monitoring strategies
- Case study: **Preventing MRSA transmission in a multi-doctor clinic**
- Behavioral training for staff adherence

Module 3: Environmental Cleaning and Disinfection

- Choosing **appropriate disinfectants** for veterinary pathogens
- Cleaning protocols for **kennels, surgical areas, and equipment**
- Waste disposal and contamination control
- Case study: **Salmonella outbreak linked to contaminated surfaces**
- Developing **daily, weekly, and monthly cleaning schedules**

Module 4: Sterilization and Instrument Management

- Autoclave and chemical sterilization techniques
- Monitoring sterilization efficacy
- Handling surgical instruments to prevent **cross-contamination**
- Case study: **Outbreak of post-surgical infections in a feline surgery ward**
- Inventory management for **infection-safe equipment**

Module 5: Isolation and Quarantine Protocols

- Identifying **high-risk patients**
- Designing **isolation wards** and flow management
- Visitor and staff movement protocols
- Case study: **Quarantine procedures during a canine influenza outbreak**
- Documentation and reporting

Module 6: Antimicrobial Stewardship and Drug Resistance

- Principles of **responsible antibiotic use**
- Monitoring **resistance patterns**
- Educating staff on **prescription practices**
- Case study: **Multi-drug resistant E. coli in a small animal hospital**
- Strategies for **reducing unnecessary antibiotic exposure**

Module 7: Infection Surveillance and Outbreak Management

- Setting up **infection tracking systems**
- Early warning and reporting mechanisms
- Containment strategies
- Case study: **Avian influenza outbreak in a veterinary laboratory**
- Evaluation and improvement cycles

Module 8: Staff Training and Culture of Safety

- Creating **infection prevention SOPs**
- Staff competency assessment and feedback
- Conducting **mock drills** and emergency preparedness
- Case study: **Training program reduces nosocomial infections in a veterinary hospital**
- Continuous improvement and KPI tracking

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price

23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com