

# LANEDC1

## Plan and manage hygiene and bio-security when carrying out equine dental procedures



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### Overview

This standard covers planning and managing hygiene and bio-security when carrying out equine dental procedures. You will take all necessary steps to work at the best standard of appropriate hygiene at all times, taking all practicable steps to avoid cross infection between horses and to humans, and playing your part in the biosecurity of the establishments you visit.

You will need to have prepared protocols for all your practical hygiene procedures for both the premises you visit and your own premises, and for your vehicle, equipment and self. You will be able to assess the risks involved and address them through adapting your working practices and communication with others. You will have knowledge about specific infectious diseases and devise measures to avoid spreading disease and avoid compromising the biosecurity of the different premises you visit.

As someone who works with horses you should be an advocate of good bio-security practices in the equine sector.

This standard is for those who carry out equine dental procedures. Users of the standard will need to ensure that practice reflects up to date information and policies, and that they work within the limits of their authority, expertise, training, competence and experience.

# LANEDC1

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### Performance criteria

- You must be able to:*
- P1 devise a hygiene protocol and carry out a system of hygiene, including disinfection, for:
    - P1.1 yourself
    - P1.2 your equipment
    - P1.3 your vehicle
    - P1.4 your base premises
  - P2 ensure that the hygiene system is applied:
    - P2.1 during a procedure
    - P2.2 between horses
    - P2.3 between premises
    - P2.4 at the end of the working day
  - P3 make sure that the hygiene system includes:
    - P3.1 hygienic methods of working
    - P3.2 cleaning of instruments, clothing, instrument boxes, vehicles and floors
    - P3.2 disinfection of all those items
    - P3.2 safe disposal of contaminated disposable items
    - P3.5 safe storage and handling of contaminated non-disposable items
  - P4 select and use appropriate disinfectants and/or sterilisation as part of your hygiene system
  - P5 choose, obtain and correctly use personal protective equipment that promotes hygiene and bio-security
  - P6 choose and obtain equipment that facilitates cleanliness and hygiene
  - P7 take into account features on equipment that may limit cleaning and disinfection
  - P8 recognise signs of good health in horses
  - P9 recognise signs or symptoms in a horse that suggest that it might have an infectious disease
  - P10 adapt your working practices and precautions to deal with particular known or suspected disease risks
  - P11 recognise when any signs or symptoms you may have observed in a horse should be brought to the attention of a veterinary surgeon
  - P12 comply with any statutory requirements for reporting suspicions of notifiable disease
  - P13 comply with any statutory requirements for disinfection or for disposal of certain contaminated items
  - P14 comply with any statutory requirements for disposal of chemicals
  - P15 communicate risks to hygiene and bio-security to others on the premises
  - P16 work in accordance with the Veterinary Surgeons Act (1966) and the limits of your own authority, expertise, training, competence and

# LANEDC1

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# LANEDC1

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### Knowledge and understanding

*You need to know and understand:*

- K1 the definitions of sterilisation, disinfection and cleaning, and when they should be used
- K2 the reasons for cleaning and disinfection in your work
- K3 how to devise hygiene protocols for your own work
- K4 the reasons for the importance of cleanliness and of cleansing before disinfection
- K5 types of personal protective equipment that may assist cleanliness and disinfection and how to obtain such equipment
- K6 how to use personal protective equipment correctly, including:
  - K6.1 how to clean it
  - K6.2 how to store it safely when contaminated
  - K6.3 if disposable, how to dispose of it correctly
- K7 the characteristics which may be necessary for consideration when selecting a disinfectant
- K8 the particular characteristics of appropriate disinfectants , including their:
  - K9.1 mode of use
  - K9.2 dilution rate
- K9 speeds of action of disinfectant at the temperatures most likely in use in your work
- K10 the generic names of common disinfectant chemicals that are:
  - K10.1 suitable for equine dental work
  - K10.2 unsuitable for equine dental work
- K11 the information that will appear on a properly labelled disinfectant and how to interpret it in practical terms for your work
- K12 any adverse effects or potential hazards of disinfectants that you use and information you should give to other persons concerning risks
- K13 any legal requirements for safe handling or disposal of disinfectants, and how these can be met
- K14 any legal requirements for disinfection protocols
- K15 legal requirements for the disposal of contaminated items, and how to meet them
- K16 design features of equipment that may hinder cleansing and disinfection, and practical ways of either avoiding or dealing with such features
- K17 additional or different precautions that you may require in your protocol if suspected infectious disease is encountered
- K18 signs or symptoms that give rise to suspicion of infectious disease in a horse, and the more common diseases that might be involved and who needs to be informed
- K19 the requirements of the Veterinary Surgeons Act (1966) in relation to

# LANEDC1

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- your role
- K20 the signs or symptoms that would require you to report your observation to a veterinary surgeon and what diseases are notifiable
- K21 ways in which infection may be transmitted, both in general and in relation to specific common diseases and how this affects the precautions which should be taken
- K22 the definition of the term zoonotic and common zoonotic risks when working with horses
- K23 the definition of bio-security and the need for it in premises you visit, and how to maintain it while carrying out your work
- K24 the limitations of techniques (such as attempted disinfection of vehicle tyres) popularly applied in bio-security, and the uses of effective techniques and protocols
- K25 how biosecurity measures might vary according to geographical area and current disease situations
- K26 sources of information which will keep you up to date with any infectious disease that may currently be of extra concern, and how best to use them
- K27 the importance of communicating concerns and observations to others, with due regard to client confidentiality and legal requirements
- K28 your legal and professional liability and the importance of appropriate insurance cover

# LANEDC1

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### Glossary

#### **Horse**

For the purpose of this standard the term horse includes donkey, ass, mule, hinny, pony and other equidae.

#### **Animal welfare legislation**

England and Wales - Animal Welfare Act 2006

Scotland - Animal Health and Welfare Act 2006

Northern Ireland - Welfare of Animals Act (Northern Ireland) 2011

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