



ANIMAL HOSPITAL IMAGING CENTER BIOSAFETY INSTRUCTIONS

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1. OBJECTIVE:

The purpose of this instruction is Erciyes University Veterinary Faculty Animal Hospital Surgery Department, it is aimed that applications can be made safely in the imaging center.

2. RESPONSIBILITY:

Department of Surgery academic and technical staff, hospital chief physician and students

3. APPLICATION:

- If radiological application is necessary in animals with suspected infectious disease, it should be done at the end of the day.
- To inform the personnel in the radiology department and to determine the infectious agents from the sick animal. It is the primary duty of the responsible clinician to implement the necessary procedures to prevent infection.
- If the radiological examination is so urgent that it cannot be left at the end of the day (such as a surgical operation), the examination room and instruments should be cleaned and disinfected after the examination, in accordance with the **"General Cleaning, Disinfection and Sterilization Instruction"**, by taking the necessary protection measures.
- It is the duty of the responsible clinician to ensure the safety of staff and students participating in the examination of animals at risk of communicable diseases. Risks in radiography, ultrasonography and endoscopy consultation should be specified if necessary.
- "Unwanted Event Notification Form" and/or **"Injury During Work or After Contact Infection Prevention Form"** must be filled and given to the authorized person in case of any problem in administrative, technical personel or student, patient owners and/or risk of injury or infection.
- Responsible for processing by applying protective clothing (apron, gloves) and effective disinfectants the clinician is responsible.
- Sections and instruments should be cleaned and disinfected as much as possible. Radiology personnel should supervise the cleaning and disinfection of instruments.
- Ultrasonography probes should be protected in disposable gloves. The probe and cables should be carefully disinfected after the examination. Ultrasonography pads used for cats and dogs should be in a plastic bag and wrapped with a waterproof pad. Waste should be disposed of in appropriate waste bins.
- Paper towels, gloves, disposable clothing, urine and faeces used to dry animals and tools should be disposed of in the medical waste bin.
- The ultrasonography device should be used by the person using the clean hand or by another person who does not have contact with the patient. The mobile device should be kept in the corridor and not brought into the paddocks while viewing the animals in the Infectious Disease Unit of the Equine and Livestock Clinic. After the inspection, the wheels of the device should be disinfected. Only necessary materials should be taken into the unit. Alcohol and gels used for ultrasonography should be kept on the unit.
- The hands of the person performing the radiology examination should be washed and antiseptis should be provided in every case regardless of the patient's infectious status (See: Hand Washing and Glove Usage Instructions).
- Staff and students should wear disposable gowns and gloves when touching the patient.

Prepared

Quality Management Unit

Approved by

Dean of the Veterinary Faculty



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- All persons in contact with the patient should wash their hands thoroughly when the procedures are completed and then use hand sanitizer.
- After examination for known or suspected infectious disease, the radiography application room should be closed and disinfected as soon as possible by the technician or clinician. Paper towels, gloves, disposable clothing, urine and faeces used to dry animals and tools should be disposed of in the medical waste bin.
- The number of people who will participate in the viewing application should be limited as much as possible.
- All staff and students working with radiology should wear radiation protective clothing and staff badges and dosimeters. X-Rays in Equipped and Farm Animal Clinic Patients
- Portable radiographs should be used whenever possible when the number of animals with known or suspected infectious disease is large.
- Small ruminants should be transported to the imaging department, if possible, on a stretcher or trolley.
- Students and staff entering Equine and Livestock Clinics adhere to this regional protocol should dress appropriately.

X-Rays in Small Animal Clinic Patients

- If there is known or suspected infectious disease, patients should be kept in their own shelter until imaging.
- The hospital should have stretchers and transport cages as much as possible to minimize contamination.

Imaging Rooms and Instruments

- Cleaning and disinfection should be done after known or suspected infectious disease cases.
- After known or suspected cases of infectious disease, lead aprons and gloves should be cleaned with disinfectant sprays.
- All instruments should be cleaned and disinfected daily.

4. RELATED DOCUMENTS:

- BG-TAL.09 General Cleaning, Disinfection and Sterilization Instruction
- BG-TAL.10 Hand Washing and Glove Usage Instructions
- BG-FRM.09 Unwanted Event Notification Form
- BG-FRM.10 Injury During Work or Post-contact Infection Prevention Form

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