



MEDICAL WASTE INSTRUCTIONS

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1. PURPOSE

It has been prepared to ensure the collection and transportation of medical wastes resulting from the activities of Erciyes University Faculty of Veterinary Medicine in a way that will not cause contamination.

2. RESPONSIBILITY

It covers all Departments and Faculty Hospitals that generate medical waste as a result of their activities.

3. APPLICATION

3.1. Separate Collection and Accumulation of Wastes at Source

- **Domestic wastes;** collected in buckets in black bags in clinic, administrative unit and canteen (uninfected materials and food scraps, etc.). Cleaning personnel empty the trash cans in the morning, noon, evening and as necessary, and throw them into the municipal container.
- **Medical waste;** It is collected in red bags in clinics. It has the words "Caution Medical Waste" and the "International Biohazard" emblem on it. (All materials, gloves, patient blankets, etc. that have come into contact with the body fluids and blood of sick animals.) Red colored medical waste bags are placed at the closest points where infective wastes are generated within the faculty so that waste separation can be made. In the collection of medical wastes; tear, puncture, explosion and transport resistant; Red colored bags with the "International Biohazard" emblem and the phrase "CAUTION MEDICAL WASTE" are used on both sides, with a double layer thickness of 100 microns, a minimum 10 kg lifting capacity, sealed from original medium-density polyethylene raw material, with a double bottom and without bellows. When these bags are $\frac{3}{4}$ full at the most, their mouths are tightly closed. The bags are replaced with new ones by tying or clipping. Bags that are at risk of leaking are placed in a second bag to ensure full sealing. Care is taken not to leak medical wastes and not to transfer them to other bags. Liquid medical wastes are placed in the bags mentioned above using condensing materials.
- **Wastes with sharp and penetrating properties;** Apart from other medical wastes, it is resistant to puncture, tear, breakage and explosion, waterproof and leakproof, impossible to open and mix, with the "International Biohazard" emblem on it. It is collected in plastic boxes bearing the phrase "CUTTING AND DRILLING MEDICAL WASTE". After these collection containers are filled to a maximum of $\frac{3}{4}$, their mouths are closed and placed in red plastic bags without mixing with other medical wastes. Sharp-piercing waste containers are never compressed, opened, emptied or recycled after they are filled.
- **Electronic waste;** fluorescent wastes, fluorescents, cables, cartridges and toners that are changed or damaged by technical services personnel are collected by technical services personnel and stored in containers.

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Quality Management Unit	Dean of the Veterinary Faculty



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3.2. Transport of Wastes

- Equipment and vehicles to be used in transportation, 2 units with a capacity of 120 kg with orange wheels, which can be easily loaded and unloaded for the transport of infectious wastes, do not have sharp corners that can damage the bags, can be easily cleaned and disinfected, have the "International Biohazard" emblem and the phrase "CAUTION MEDICAL WASTE". garbage truck is used.

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Medical waste collection time

Medical waste collection time		
Units	Hours	
From all units that produce waste in our faculty	In the morning 11.30-12.00	Afternoon 16.30-17.00 arası

Note: If necessary, waste collection from the required unit is also done outside the waste collection hours.

The route to be followed by the medical waste transportation vehicles within the health institution. The personnel, who start collecting medical waste from the faculty entrance with a transport container, takes the medical wastes from the clinics and takes them to the medical waste warehouse.

1.1. Cleaning and Disinfection of Collection Equipment and Temporary Storage Areas

- Procedures for cleaning and disinfection of medical waste collection equipment, transportation vehicles and medical waste temporary storage/containers
- After the medical waste tank is emptied, it must be cleaned and disinfected. Cleaning and disinfection of the temporary medical waste storage is done dry. The staff in charge cleans the floor by mopping and wiping the wall and floor. Cleaning agent and bleach are used for cleaning and disinfection.
- After the wastes spilled as a result of tearing or emptying a bag containing medical waste are collected with appropriate equipment, liquid waste is placed in red plastic bags after condensing with wood sawdust and the used equipment and the compartment are immediately disinfected with 10% laundry solution. The front of the warehouse is cleaned once a day.
- Cleaning inside the warehouse, wall cleaning, floor cleaning is done as the tank is empty. Door cleaning is done as the tank is empty and dirty.
- Special protective clothing and equipment to be used by the personnel in charge procedures for cleaning.
- Personnel assigned to collect and transport medical wastes; during work, gloves, safety glasses, masks are used; boots and wears orange colored. The special clothes and equipment used in these processes are kept in a special compartment in the dressing room of the assigned personnel. The cleaning of the clothes of the staff is done by washing in the washing machine.

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Disinfectants to be used for disinfection

- Solutions prepared with 10% bleach are used for cleaning medical waste transport vehicles, containers and temporary medical waste storage.

Measures to be Taken and Actions to be Taken in the Event of an Accident

- Measures to be taken and actions to be taken for injuries that may occur during the collection, transportation and temporary storage of medical wastes separately at the source, transportation and temporary storage of medical wastes. Injury Report Form and/or Employee Exposed to Splashes of Blood and Body Fluids Report Form is filled. The officer is immediately taken to the emergency department of the nearest hospital.
- Injured personnel are taken under control and follow-up by the infection nurse.
- Measures to be taken and actions to be taken in case of spill-spreading and other accidents that may occur during the collection of medical wastes separately at the source, their transportation and temporary storage
- Personnel in charge of collecting medical waste take the necessary measures to prevent waste from spilling. If liquid medical waste is accidentally spilled into the garbage can, transport vehicle and storage area, the liquid waste is condensed with the help of suitable material and placed in a medical waste bag. The surface is immediately disinfected with bleach.
- In other accidents that may occur, the personnel is taken to the polyclinic or emergency service of the nearest hospital.

Recording and reporting of accidents

- In the injuries that may occur during the collection, transportation and temporary storage of medical wastes, according to the injury situation; Sharp - Piercing Injuries are recorded by filling out the Notification and Follow-up Form (Depending on the injury situation; dressing or directing to the necessary places for examinations). The filled forms are delivered to the quality management unit.

Record Keeping and Reporting

- The amount of medical waste generated is recorded by the Head of the Waste Management Team, the Medical Waste Daily Monitoring and Tracking Form is filled and approved by the Faculty Secretary or the Internal Services Chief. At the end of the year, the annual amount of medical waste is reported to the Provincial Directorate of Environment and Forestry.
- Medical wastes are weighed and recorded before being given to the medical waste disposal company. The national waste transportation form is filled and signed in three copies. T.R. The green copy of the national waste transport form (UATF) belonging to the Ministry of Environment and Urbanization is delivered to the purchasing unit, and the other copies are delivered to the medical waste disposal company.

4. RELATED DOCUMENTS

- BYG-FR.01 Employee Exposed to Splashes of Blood and Body Fluids Notification Form
- BYG-FR.02 Cutting - Piercing Injuries Notification Form
- BYG-FR.03 Medical Waste Daily Monitoring and Tracking Form

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