



Name of Resource person: Mrs.S.Saranya

PodcastTitle: Biomedical waste segregation

Department/Committee :
Hospital Infection Control Committee (HICC)

Category: (Select relevant category)
Continuing medical education

TRANSCRIPT

A warm welcome to all. I am Saranya , Infection Control Nurse in SMVMC&H.

Today we are going to discuss about Biomedical Waste segregation and treatment.

We are using 4 colour code buckets here in SMVMC&H.

- 1) Yellow is for infectious waste
- 2) Red is for infectious plastic waste.
- 3) Blue is for all glassware.
- 4) White is for metal sharp

Now we are going to discuss about how to separate and segregate, the waste.

*First one is yellow colour bucket – blood bag, bloodstain cotton, dressing materials, anatomical waste, eg. placenta, amputated leg and hand , any body parts, cytotoxic waste, expiry drugs, PPE except gloves, and laboratory waste.

*Second one is red colour bucket – IV Bottles , syringes , gloves , catheter, Uro bag , tracheostomy tube , Et tube, NG tube, Ryles tube and Specimen container .

*Third one is blue colour bucket – All glass like broken ampules, used vials, Metallic body implants.

*Fourth one is white colour – Metal sharp, surgical blade, needle, suture needle, needle fixed with syringe.

COLLECTION, SEGREGATION, TEMPORAY STORAGE, TRANSPORTATION:

Until now, we have clearly seen which objects should to dispose in which containers. Then we are going to learn about how to transport the waste and how to dispose. In our hospital daily, twice the biomedical wastes are collected and are stored in temporary storage area. Then these wastes are carefully packed and transport to Pondicherry Solid Waste Management private limited, Thuthipet through dedicated vehicles.


TREATMENT:

- The yellow waste will be incinerated means they will be burnt.
- The red waste will be autoclaved then it will be shredded and recycled.
- The blue waste also be autoclaved then it will be shredded and recycled.
- The white waste is discard in the cemented tank.

Thank you all for your patience listening.


Signature of the Resource Person

Mrs.S.Saranya
Infection Control Nurse, SMVMCH


Signature of the HOD
22/5/2024

Dr. T. MANGAIYARKARASI
SECRETARY - HICC
SRI MANAKULA VINAYAGAR
MEDICAL COLLEGE AND HOSPITAL
PUDUCHERRY-605 107.