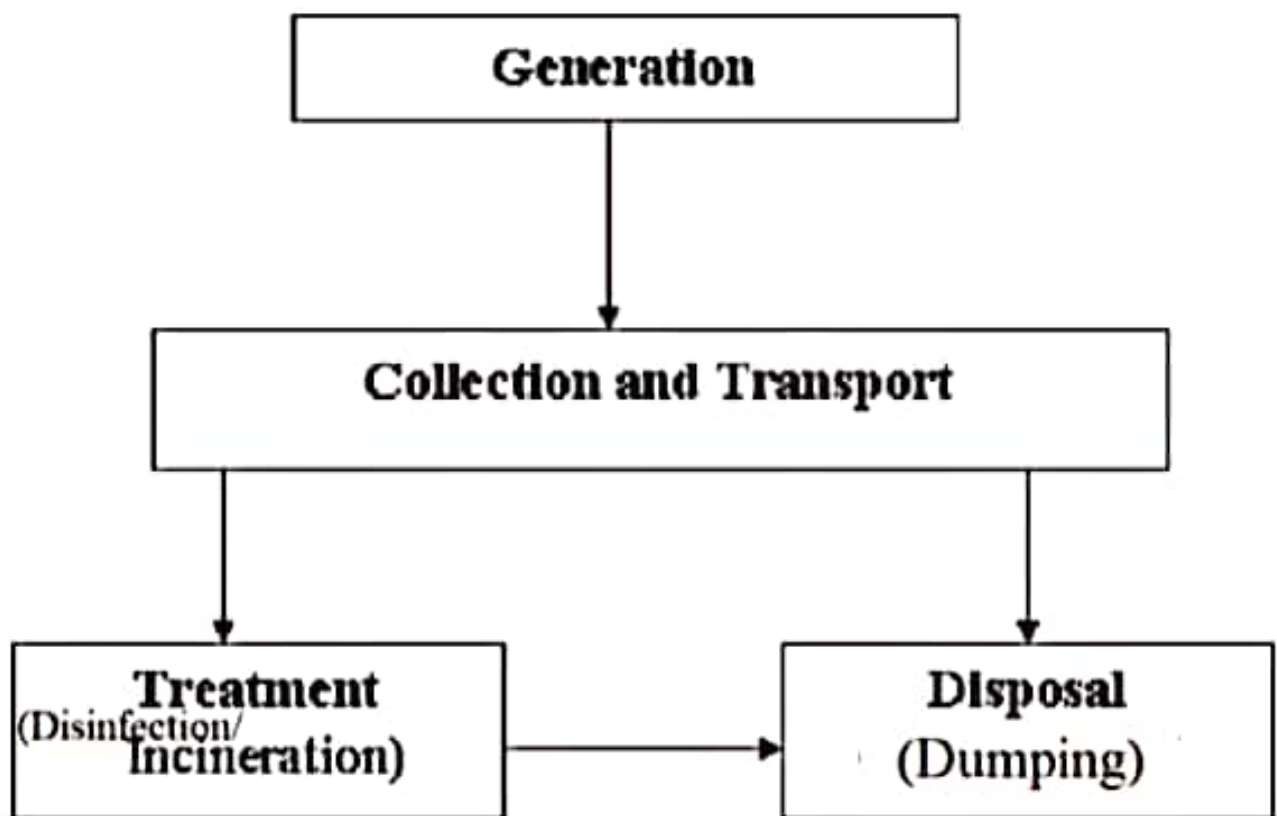


Steps in Management of Hospital Waste

Steps in the management of hospital waste include : -

- Training and Awareness
- Generation
- Segregation / separation
- Collection
- Transportation
- Storage
- Treatment
- Final disposal



Waste Minimization

Waste minimization is a process of elimination that involves reducing the amount of waste produced in society and helps to eliminate the generation of harmful and persistent wastes.

Waste Minimization Techniques

Source Reduction

Product Change

- Product substitution
- Change in composition
- Change in concentration

Process Change

- Change in input material
- Better process control
- Technology change or modification
- Change in operation

Good Practices

- Improved segregation
- Procedural measures
- Loss prevention
- Better management practices
- Material handling improvement

Recovery, Reuse, Recycling (on-site or off-site)

- Recovery and return to original process
- Recovery and use as a raw material for another process

- Processing for resource recovery
- Processing to create a useful by-product

Waste Identification

- An appropriate way of identifying the waste is by sorting the waste into different **COLOR CODE**.
- Color code is easy for identification and thereby easy for safe handling, transportation and waste treatment.
- The color code varies from country to country

WHO Recommended Colour Code

Type of waste	Color code
Highly infectious	Red
Infectious, Pathological, Anatomical	Yellow
Sharp	Yellow colored box
Chemicals, Pharmaceuticals	Brown
Radioactive	Silver
General waste	Black

COLOUR CODING

Colour Coding	Type of Container	Waste Category
Yellow	Plastic bag	Excised tissues, biopsy tissue, granulation tissue, human and animal cell culture
Red	Disinfected container/plastic bag	cotton, dressings, other material contaminated with blood, Laboratory cultures, Specimens of microorganisms.
Blue/White translucent	Plastic bag	Gloves ,tubings, catheters, intravenous set, needles, syringes, scalpels, blades, glass
Black	Plastic bag	discarded medicines, chemicals used in disinfection, ash from incineration



Infectious

Sharp



Liquid

General