


White Category

Category	Type of waste	Colour & Type of Container
White Category	Waste Sharps including metals	<p>White Coloured translucent, puncture proof, leak proof, Temper Proof containers</p> 

Segregation

This waste comprises of needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes waste sharps such as lumbar puncture needle, trocar cannula, IABP cannula, arthroscopy blade, insulin pen needle, lancet needle, removac needle, eye needle, Cardioplegia needle and surgical stab knife

Type of bag and container:

Collect the waste in white translucent, puncture proof, leak proof, tamper proof container.

Treatment and Disposal:

For HCF having linkage with CBWTF

After collection in puncture proof, leak proof, tamper proof container, handover the waste to CBWTF without any alteration or onsite treatment.

For HCF having own treatment and Disposal facility

Sharps waste should be disinfected either with autoclaving or dry-heat sterilization or a combination of autoclaving cum shredding; for each of these options, the methods for disposal are as below;

Method of Disinfection	Treatment	Options for final disposal
Autoclaving	Shredding; or Mutilation; or Encapsulation in cement concrete	Concrete pit; or sanitary landfill or steel foundry
Dry-heat sterilization	encapsulation in metal container	
Autoclaving cum shredding as single unit operation	None	

In case there is difficulty in sending treated sharps waste to sanitary landfills for final disposal (such as apprehension of local bodies to pick such waste), it is recommended to adopt the option of final disposal either through concrete pit or sending for recycling in steel furnace/foundry.