

Recommended Biomedical Waste Management Procedures Outline

Dominica



**January 2002
Ira Salkin, Ph.D.
WNWN International**

Recommended Biomedical Waste Management Procedures

The tables below outline in a simplified form the main **recommended** procedures for segregating, transporting, treating, and disposing of biomedical waste. Details are provided in the Dominica National Biomedical Waste Management Plan.

Dominica

Facility	Princess Margaret Hospital							
Waste Type	Sharps	Cultures & Stocks	Blood & Body Fluids	Pathological Waste		Isolation Waste	(Contaminated Linen)	Regular Trash
Examples	Needles, Syringes, Blood Tubes	Culture dishes	Free-flowing Blood	Tissues, Body Parts	Placentas, Fetuses	Swabs, Soiled Dressing	Bedding	Garbage
Color Code	Red	Red	Red	Red	Red	Red	Yellow	Trans-lucent
Marking	Biohazard Symbol, "Sharps"	Biohazard Symbol, "Biohazard"	Biohazard Symbol, "Biohazard"	Biohazard Symbol, "Biohazard"	Biohazard Symbol, "Biohazard"	Biohazard Symbol, "Biohazard"	Biohazard Symbol, "Biohazard"	none
Packaging	Puncture-Resistant Sharps Container	Plastic Bag in a Rigid Container	Leak-proof Container	Plastic Bag in a Rigid Container	Leak-proof Container	Plastic Bag in a Rigid Container	Plastic or Linen Bag	Plastic Bag or Container
In-House Transport	Covered Cart	Covered Cart	Covered Cart	Covered Cart	Covered Cart	Covered Cart	Covered Cart	Trolley or cart not for infectious waste
Treatment	Needle Destruction Device/ Advanced Autoclave	Advanced Autoclave	Discharge Into Sanitary Sewer/ Advance Autoclave	Advanced Autoclave	-Advanced autoclave/ or See Below	Advanced Autoclave	Wash in Hot Water (160° F or 88° C) for 20 minutes	-
Off-Site Transport (treated waste)	Sanitation Truck	Sanitation Truck	-	Sanitation Truck	Special Vehicle	Sanitation Truck	-	Sanitation Truck
Disposal	Sanitary Landfill	Sanitary Landfill	-	Sanitary Landfill	Interment in Burial Site	Sanitary Landfill	-	Recycling or Sanitary Landfill

Recommended Biomedical Waste Management Procedures

Dominica

Facility	Other Hospitals, Health Centers, General Practitioner, and Dentist		
Waste Type	Sharps	Blood & Body Fluids	Regular Trash
Examples	Needles, Syringes, Blood Tubes	Free-flowing Blood	Garbage
Color Code	Red	Red	Translucent
Marking	Biohazard Symbol, “Sharps”	Biohazard Symbol, “Biohazard”	none
Packaging	Puncture-Resistant Sharps Container	Leak-proof Container	Plastic Bag or Container
In-House Transport	Covered Cart	Covered Cart	Trolley or cart not for infectious waste
In-House Treatment	Automatic Needle Destroyer	-	-
Storage	Regular Storage Area*	-	Regular Storage Area*
Off-Site Transport	Special Vehicle or Transport Pouch	-	Sanitation Truck
Off-Site Treatment	Advanced Autoclave	Discharge Into Sanitary Sewer or Advanced Autoclave	-
Disposal	Sanitary Landfill	-	Sanitary Landfill

* Waste should be stored in a dry, secure area. Waste that begins to smell should immediately be removed for disposal.

This activity is funded by the OECS Solid and Ship Generated Waste Management Project. The Project is funded by Global Environmental Fund (GETF 028600). The views expressed herein are those of the author(s) and do not necessarily reflect the views of the donor agency supporting the activity.