

BIO-MEDICAL WASTE MANAGEMENT COMMITTEE AIIMS - NAGPUR

Plot No. 2, Sector - 20, MIHAN, Nagpur - 441 108.

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MANAGING SINGLE-USE PLASTIC WASTE FROM MEDICAL DEVICES

It has come to our attention that plastic-based consumables, such as cartridges, cassettes, and other inserts, used in medical devices like ABG analyzers, electrolyte analyzers, and sterilization units, are often disposed of in red-category biomedical waste bins under the assumption that they are biomedical waste. However, some of these consumables may actually fall under different waste categories, such as e-waste or general waste. To ensure proper classification and disposal, please adhere to the following guidelines:

1. Confirm Waste Category with Manufacturer

Departments using medical devices with cartridges, cassettes, and other inserts are required to contact the respective manufacturers to confirm the correct waste category for each item, whether it is biomedical waste, e-waste, or general waste. For items identified as biomedical waste, please verify the specific disposal color category (e.g., red or yellow) to ensure proper segregation. Additionally, please confirm whether there is a provision to return used cartridges, cassettes, or other inserts to the supplier or manufacturer.

2. Documentation of Waste Category Information

Maintain records of the waste classification provided by the manufacturer in departmental records and submit a copy to the Biomedical Waste Management Committee.

3. Disposal of Waste cartridges, cassettes, and other inserts Waste

Consumables classified as biomedical waste, e-waste, or general waste should be disposed of in accordance with the relevant waste management procedures specific to each category. If there is any provision to return used cartridges, cassettes, etc., to the supplier or manufacturer, it is highly recommended.

4. Waste Classification for New Equipment Procurements

For all new equipment purchases, ensure that the waste classification for cartridges, cassettes, and other inserts is verified and documented at the time of procurement. This includes confirming the waste category (biomedical, e-waste, or general waste) and, if classified as biomedical waste, specifying the corresponding color category (e.g., Red or Yellow). Additionally, ensure that provisions are in place for returning used waste items to the supplier or manufacturer.

5. Compliance for Existing Equipment

Departments currently using equipment with cartridges, cassettes, and other inserts must complete the waste classification process with manufacturers within one month of this circular. The Biomedical Waste Management Committee will manage only those items confirmed by manufacturers as biomedical waste.



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