

HOSPITAL WASTE MANAGEMENT: A MINI REVIEW

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ABSTRACT

Various types of hazardous wastes may be generated as a result of health-care operations. Mismanagement of these wastes may put the environment and workers' health at jeopardy. When it comes to the proper management of hospital wastes, developing nations are limited by resources. The major problems in hospital waste management in developing nations are summarized in this research. According to a study of the literature, rules and legislation focused on hospital waste management are relatively new in many of these nations. The way these regulations are implemented differs from one hospital to the next. Furthermore, trash production rates vary greatly both inside and between these nations. This is mostly due to a lack of consensus among academics on terminology and methods for measuring such wastes. Furthermore, inadequate waste segregation, collection, storage, transportation, and disposal procedures plague hospitals in many nations, posing occupational and environmental hazards. In the lack of training for hospital personnel, knowledge and awareness of appropriate waste management remain low. Furthermore, sanitary personnel and scavengers working in hospitals are not provided with safety equipment or vaccination. Illegal recycling of non-segregated trash poses additional safety concerns. In general, medical waste management in poor nations is fraught with difficulties. Sustainable waste management techniques may help to mitigate the negative consequences of hospital waste.

KEYWORDS: *Infectious waste, Clinical Waste, Medical Waste, Waste Generation, Sustainable Development.*

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