

BIOMEDICAL WASTE MANAGEMENT USING FAILURE MODE EFFECT ANALYSIS

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ABSTRACT

Proper handling, treatment and disposal of biomedical wastes are important elements of health care infection control programme. Correct procedure will help protect health care workers, patients and the local community. In the present study, Failure Mode Effect Analysis tool is used to the processes of biomedical waste management. Accordingly potential failure modes are identified and their cause and effect are detected. In the brainstorming sessions the persons who were involved in the processes have accordingly given the scores for calculating the risk priority numbers for drawing the inference about the possible action to be taken by the hospital management and also for suggesting the action plan for biomedical waste management.

KEYWORDS: Autoclaving, Clinical Wastes, Incineration, Risk Priority Numbers, Shredding.