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ASSESSMENT ON QUANTITY MEASUREMENTS OF HEALTHCARE WASTE AND IT'S MANAGEMENT APPROACHES IN BOLAN MEDICAL COMPLEX QUETTA

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This study was conducted to assess Healthcare Waste Management practices at Bolan Medical Complex Hospital (BMC) Quetta, Balochistan Pakistan. This Research adopted descriptive cross-sectional design on the period of June 1 to December 30, 2016. Research instrument were a survey, interviewed, questionnaires and response rate is 90%. The Quantitative data were examined by Statistical Package for the Social Sciences (SPSS). The Quantity of Healthcare Waste in Bolan Medical Complex resulted as total number of Out-patients is 2000/Day, in-patients are 870/Day, deliveries are 5000/Year. Total Quantity of waste generated in BMC is 100 kg/Day and general waste 5kg/Day, hospitalization Waste 80kg/Day, Out-Patient rooms and Emergency waste 10kg/Day, Dressing rooms waste 5kg/Day, Laboratory Waste 5kg/Day, Food points waste 1-5kg/ Day, Waste from Ware houses 1-5 kg/Day. Low level of Radioactive waste is generated 77.3%. This research assesses the existing healthcare solid waste management approaches and suggests potential options for enhancement. Recommendations are respect to developments in the overall infrastructure, formation of strategic firms within in-site and off-sites. Healthcare Waste Should management with the aspect of sustainable approaches with resource use, minimization of waste at initial stages and recycling. There is a need for proper awareness training programs and reliable strategies.

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