

Exploring the Challenges and Opportunities in Clinical Waste Management: The Case of Private Clinics, Selangor, Malaysia

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Abstract : Abstract—Management of clinical waste is a critical problem worldwide. Immediate attention is required to manage the clinical waste in an appropriate way in newly developing economy country such as Malaysia. The increasing amount of clinical waste generated is resulted from rapid urbanization and growing number of private health care facilities in developing countries such as Malaysia. In order to develop a sensible clinical waste management system and improvement of the management, information on factors affecting clinical waste generation has the crucial role. This paper is the study of management characteristics of clinical waste and the level of efficiency of clinical waste management systems operating in private clinics located in Selangor, Malaysia. Are they following the proper international standards? By taking all of this in consideration the aim of this paper is to identify and discuss the current trend, current challenges and also the present opportunities among the challenges of clinical waste management in private clinics of Selangor, Malaysia. The SWOT analysis was characterized for the evaluation of strengths, weaknesses, opportunities and threats. The methodology for this study was constituted of direct observation, Informal interviews, Conducting SWOT analysis, conduction of one sustainability dimensions analysis and application. The results show that clinical waste management in private clinics is far from an ideal model.

Keywords : clinical waste, SWOT analysis, Selangor, Malaysia

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