

Establishing a Cause-Effect Relationship among the Key Success Factors of Healthcare Waste Management in India

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Abstract : The increasing human resource has led to the rapid increment in the generation of healthcare waste across the world. Since, this waste consists of the infectious and hazardous components emerged from the patient care activities in different healthcare facilities; therefore, its proper management becomes vital for mitigating its negative impact on society and environment. The present research work focuses on the identification of the key success factors for developing a successful healthcare waste management plan. In addition, the key success factors have been studied by developing a causal diagram with the help of a decision making trial and evaluation (DEMATEL) approach. The findings of the study would help in the filtration of dominant key success factors which would further help in making a comparative assessment of the waste management plan of different hospitals.

Keywords : healthcare waste disposal, environment and society, multi-criteria decision making, DEMATEL

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