

Medical Solid Waste Management at Damascus University Hospitals¹

Sonia Abbasi²

Hind Wihbeh³

Abstract

During their daily activity, hospitals set apart huge quantities of solid waste, divided into non-hazardous and hazardous waste. Hazardous medical waste greatly affects environment, and because of this the developed countries have taken great interest in hazardous hospital solid waste management extensively.

The fact of having no sufficient awareness about the danger of medical waste has resulted in a weak application of the systems of waste management in a precise and correct way.

This research work deals with specifying the quantity of medical waste resulting from Damascus University hospitals, the kind of such waste and its treatment by means of burning. It shows the environmental impact of such means of treatment, and deals with alternative means of friendly treatment to environment such as autoclave.

¹ For the paper in Arabic see pages (65-84).

² Environmental Engineering, Faculty of Civil Engineering, Damascus University.

³ Professor, Dept. of Environmental Engineering, Faculty of Civil Engineering, Damascus University.