

عنوان مقاله:

?Biomedical Waste and COVID-19 in India and the World: Are We Ready

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خلاصه مقاله:

Biomedical Waste (BMW) is any waste produced during the diagnosis, treatment, or immunization of human or animal research activities pertaining thereto or in the production or testing of biologics or health camps. Biomedical Waste Management (BMWM) is done in three stages – ۱) Collection and separation, ۲) Transportation to respective facilities ۳) Proper treatment and disposal. Actually, BMWM has always been an issue in India. With the world in global crisis due to the recent outbreak of the Coronavirus Disease (COVID-19) pandemic, it has put great pressure on the BMWM system in India and around the world. To control the spread of the COVID-19 virus proper disposal of the waste is also necessary as it is a contagious disease and the waste generated during the treatment and laboratory tests are highly contagious and hazardous. This article investigates the situation of BMWM in India and studies whether the Indian BMWM system will be able to handle this increased amount of generated waste. The Indian government has given various guidelines to manage this increased biomedical waste overload. Data was gathered from literature search engines such as PubMed and Google Scholar, from verified newspapers and online news articles as well as from verified government websites.

کلمات کلیدی:

Biomedical Waste, Biomedical Waste Management, COVID-19, Coronavirus, Pandemic

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