

## عنوان مقاله:

Solid medical waste management practices and awareness in COVID-۱۹ screening stations

## محل انتشار:

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## خلاصه مقاله:

**BACKGROUND AND OBJECTIVES:** During the Coronavirus disease ۲۰۱۹ pandemic, an effective and efficient medical waste management plan is required to prevent disease transmission from the Coronavirus disease ۲۰۱۹ viral solid wastes. Screening stations are critical locations where solid Coronavirus disease ۲۰۱۹ wastes are created. Solid trash collection and management strategies for screening stations must be studied as they are the first point of origin for solid Coronavirus disease ۲۰۱۹ wastes. The goal of this study is to evaluate the level of healthcare workers' knowledge in the medical waste management field in Jordanian Coronavirus disease ۲۰۱۹ screening stations, with an emphasis on understanding and implementing Jordanian medical waste management protocols, by examining the awareness, perspective, and practice about the many aspects of Coronavirus disease ۲۰۱۹ wastes. **METHODS:** A study sample (n = ۷۸) involving technicians, nurses, and physicians working at various screening stations in Jordan's public and private sectors was evaluated. From April ۲۰۲۱ to September ۲۰۲۱, a cross-sectional survey involving questionnaires was carried out. The survey included questions on medical waste management knowledge and awareness among healthcare personnel regarding the Coronavirus ۲۰۱۹ medical waste administrative and collection procedures. There are various limitations to this cross-sectional study that should be noted. This is a study conducted among health care employees when an overwhelming amount of coronavirus disease cases were being recorded locally and worldwide, affecting transportation ability and minimizing time spent with screening station personnel. **FINDINGS:** The outcomes of the first module of the questionnaire revealed a high degree of medical waste management knowledge and awareness among healthcare staff. On the other hand, nurses demonstrated the highest awareness and application of COVID-۱۹ medical waste administrative procedures. Furthermore, the results of the third module revealed that the private sector fails to successfully execute national and international procedures, with the most significant negative

responses among other categories. CONCLUSION: It was concluded that Jordan's solid waste collection and disposal methods were effectively implemented, which might aid in the virus eradication. Even though most Jordanian screening stations have effectively implemented knowledge and awareness regarding solid Coronavirus disease ۲۰۱۹ wastes management practices, there is a need to undertake periodic training and continuous monitoring with a specif ...

### کلمات کلیدی:

Administrative protocols, COVID-۱۹ (Coronavirus disease ۲۰۱۹), Medical waste management, Solid medical wastes

### لینک ثابت مقاله در پایگاه سیویلیکا:

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