

# COVID-19

## Health Care Facility Waste Management

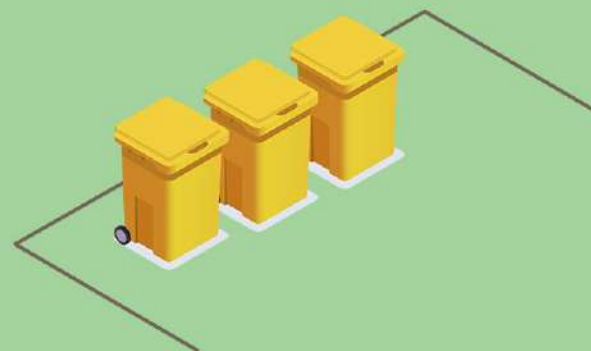
Segregating waste at source should be observed



Treat corona virus waste as normal infectious waste



Deposit in an infectious waste bin, with a suitably color-coded liner



Collect the bags regularly, and transport waste collected in leak-proof bags, while sharps must be in puncture proof containers



Storage areas must be clean, secure, and protected from elements, pests, disease vectors, and the public



There is no need to burn or incinerate COVID-19 related waste since medical waste autoclaves that uses pressurized steam at 30psi at saturation time of 30 minutes are known to kill any heat resistant pathogens without need for chemicals



Depending on what is available in your country, after disinfection from autoclave, waste can be sent for disposal or recycling



Proper hand washing must be observed by hospital waste personnel



Both the World Health Organization and the United Nations Environment Program (UNEP) have endorsed steam-based disinfection over incineration because of the persistent organic pollutants (POPs) produced by incineration. Incineration is also more expensive and has more carbon footprint than steam-based technologies. Trapping energy from waste burning is the most polluting and expensive form of energy generation