

ABSTRACT

The handling of infectious waste in hospital treatment room has not got serious attention. So, the effect can make occupational disease, nosokomial infection and environmental pollution in hospital.

This research had been done to dig many kind of factors that influence infectious waste number in hospital treatment room, that was done observationally, cross sectionally, analytically, and observe 12 factors which was estimated have influenced to infectious waste number in treatment room in hospital.

Those factors are grouped in 3 groups as below :

1. Treatment room characteristics (are : treatment room factor, bedroom number, bed occupancy ratio (BOR) and class treatment room factor).
2. Services characteristics (are : standard operating procedure of waste disposal, availability infectious waste factor, plastic pocket availability infectious waste factor).
3. Treatment official characteristics (are : the chief of treatment room education level, the chief of room knowledge level, the habit of disposal waste factor, nurse number factor, and medical employee number factor).

Testing and analysis data were done by Ordinal Regression Test. The population in "Saiful Anwar Malang" hospital are 35 treatment rooms and it was taken by total sampling.

The characteristic of treatment room that has influence significantly to infectious waste number in treatment room is class room factor, while kind of treatment factor, number of bed room, and bed occupancy ratio (BOR) has non significant influence to infectious waste in treatment room.

The characteristic of services infectious waste disposal in treatment room that has influence to infectious waste number in treatment room is plastic pocket availability infectious waste factor (by descriptive), while the standard operating procedure, availability infectious waste factor, all of has non significant influence to the number of infectious waste in treatment room.

The characteristic of treatment official is the chief of room education level, has significant influence to the number of infectious waste in treatment room, while the chief of room knowledge level about waste disposal procedure in hospital, the habit of disposal waste factor, number of nurse factor, and number of medical employee factor have non significant influence to the number of infectious waste in treatment room.

Key Words : Infectious Waste, Medical Services.