





































## Abstract

The aim of the national development is to increase human resources capacity and health status. In order to achieve the goal, one of the efforts is to provide hospital service. One of hospital responsibilities is to conduct proper waste management. The research question in this study are: 1) How to manage hospital responsibility in the solid health care waste management at the Prof. Dr. W. Z. Johannes Hospital in Kupang?; 2) How the Prof. Dr. W. Z. Johannes Hospital Kupang demonstrates its responsibility in the solid health care waste management as a way to protect health environment? 3) What are the obstacles in conducting solid health care waste management at the Prof. Dr. W. Z. Johannes Hospital Kupang and how to overcome the obstacles?

Method used in this research is jurisdiction sociology, while the research spesification is analytical descriptive. Research location was at the Prof. Dr. W. Z. Johannes Hospital in Kupang. Data type were primary data (observation and interview), and secondary data (literature study). Respondents were BLHD, Health District Officers, Hospital management staff, head of installation, ward chiefs, hospital janitors, patients, visitors, and community surrounds the hospital

Results of the study about regulation of the solid health care waste management at the Prof. Dr. W. Z. Johannes Hospital Kupang is basically according to the East Nua Tenggara Province Regional Regulation Number 3 Year 2006 About Environmental Protection and the East Nusa Tenggara Governor Regulation Number 04 Year 2010 About Internal Hospital ByLaws of the Prof. Dr. W. Z. Johannes Hospital Kupang. Technical performance of the hospital responsibility in health care waste management is also according to the Standard of Operational Procedure Document Number 139/03/X/2009 about Intervention of Solid Health Care and Non Health Care Waste Management at the Prof. Dr.W. Z. Johannes Hospital Kupang. Constraints in the operational of the waste management at the Prof. Dr.W. Z. Johannes Hospital Kupang are: it is not yet being regulated specifically in the hospital waste management regulation; the Governor Regulation Number 04 Year 2010 only regulates the liquid waste management; hospital staffs have not yet discriminated medical waste appropriately; hospital management division has not yet provide its best to protect the cleaning service staff with sufficient personal protective equipment; lack of plastic bags supply; hospital internal watch is still lacking which causes scavengers come to the waste monitoring system site, it is also wroted that the driver is carrying household waste using open truck (carrier). Hence, it is very possible that hospital waste could spill on the street and causes community and environmental health problems.

**Keywords:** Solid Health Care Waste, Hospital Responsibility, Environmental Health.