

**INSTITUT TEKNOLOGI DAN KESEHATAN MAHARDIKA**  
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**PROGRAM STUDI KESEHATAN MASYARAKAT**  
Skripsi, Juli 2025  
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**HUBUNGAN TINGKAT PENGETAHUAN PERAWAT DENGAN  
KESESUAIAN PENGELOLAAN LIMBAH MEDIS  
DI RSUD LINGGAJATI**

xviii + 98 halaman + 6 tabel + 2 bagan + 16 lampiran

**ABSTRAK**

Limbah medis merupakan limbah yang dihasilkan dari aktivitas pelayanan kesehatan dan berpotensi menimbulkan dampak negatif terhadap kesehatan masyarakat dan lingkungan jika tidak dikelola dengan benar. Berdasarkan studi pendahuluan di RSUD Linggajati, ditemukan praktik pengelolaan limbah medis yang belum sesuai prosedur operasional standar (SPO), termasuk kasus petugas kebersihan yang tertusuk jarum suntik saat pengangkutan limbah dan ditemukannya limbah tidak sesuai tempat. Penelitian ini bertujuan untuk menganalisis hubungan antara tingkat pengetahuan perawat dengan kesesuaian pengelolaan limbah medis di RSUD Linggajati.

Penelitian ini menggunakan metode kuantitatif dengan pendekatan *cross sectional*. Instrumen yang digunakan meliputi kuesioner dan lembar observasi. Teknik pengambilan sampel adalah total sampling dengan jumlah responden sebanyak 85 perawat. Penelitian dilakukan pada bulan Juni 2025 di RSUD Linggajati. Data dianalisis menggunakan uji statistik Chi-Square untuk menguji hubungan antara dua variabel kategorik.

Hasil penelitian menunjukkan bahwa sebanyak 49 responden (57,6%) memiliki tingkat pengetahuan baik, dan 52 responden (61,2%) melakukan pengelolaan limbah medis sesuai SPO. Uji Chi-Square menghasilkan nilai *p-value* sebesar 0,006 (<0,05), yang menunjukkan terdapat hubungan yang signifikan antara tingkat pengetahuan dengan kesesuaian pengelolaan limbah medis.

Dapat disimpulkan bahwa semakin baik pengetahuan perawat, maka semakin tinggi pula tingkat kesesuaian mereka dalam mengelola limbah medis sesuai standar. Oleh karena itu, disarankan kepada pihak rumah sakit untuk meningkatkan program edukasi dan pelatihan rutin sebagai upaya memperkuat kepatuhan terhadap SPO dan mencegah risiko kecelakaan kerja serta dampak lingkungan.

**Kata Kunci : Pengetahuan, Pengelolaan Limbah Medis, Kesesuaian, Standar Prosedur Operasional (SPO), Perawat, Rumah Sakit**

**Daftar Pustaka : 37 (2017-2024)**

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FACULTY OF HEALTH SCIENCES  
STUDY PROGRAM OF PUBLIC HEALTH**

*Mini Thesis, July 2025*

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***THE RELATIONSHIP BETWEEN NURSES' LEVEL OF KNOWLEDGE AND THE  
COMPLIANCE OF MEDICAL WASTE MANAGEMENT  
AT RSUD LINGGAJATI***

*xviii + 98 pages + 6 tables + 6 charts + 16 appendices*

**ABSTRACT**

*Medical waste is generated from healthcare activities and has the potential to cause negative impacts on public health and the environment if not managed properly. A preliminary study at RSUD Linggajati revealed that medical waste management practices were not fully aligned with Standard Operating Procedures (SOP), including an incident where a sanitation worker was pricked by a syringe during internal waste transport and improper waste placement was observed. This study aims to analyze the relationship between nurses' level of knowledge and the compliance of medical waste management based on Standard Operating Procedures (SOP) at RSUD Linggajati.*

*This research used a quantitative method with a cross-sectional approach. The instruments employed were questionnaires and observation sheets. The sampling technique was total sampling with 85 nurse respondents. The study was conducted in June 2025 at RSUD Linggajati. Data were analyzed using the Chi-Square test to examine the relationship between two categorical variables.*

*The results showed that 49 respondents (57.6%) had a good level of knowledge, and 52 respondents (61.2%) carried out medical waste management in accordance with SOPs. The Chi-Square test yielded a p-value of 0.006 (<0.05), indicating a statistically significant relationship between the level of knowledge and the compliance of medical waste management.*

*It can be concluded that the higher the nurses' knowledge, the better their compliance in managing medical waste according to standards. Therefore, it is recommended that the hospital enhance its education and training programs to strengthen adherence to SOPs and prevent occupational accidents and environmental risks.*

***Keywords: Knowledge, Medical Waste Management, Compliance, Standard Operating Procedures (SOP), Nurses, Hospital***

***References: 37 (2017–2024)***