

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA
POLTEKKES KEMENKES TANJUNG KARANG
JURUSAN KESEHATA LINGKUNGAN
PROGRAM SARJANA TERAPAN
Skripsi, Mei 2025

Amir Maulana

**“Manajemen Risiko Limbah Medis di UPTD Puskesmas Rawat Inap
Bumidaya Kabupaten Lampung Selatan”**

xvii + 123 Halaman, 17 Tabel, 8 Gambar, 7 Lampiran

ABSTRAK

Limbah medis merupakan limbah bahan berbahaya dan beracun (B3) yang dihasilkan dari aktivitas pelayanan kesehatan dan berpotensi menimbulkan risiko terhadap kesehatan manusia dan lingkungan. Pengelolaan limbah medis yang tidak sesuai standar dapat menimbulkan bahaya fisik, kimia, biologi, dan ergonomis terhadap petugas dan lingkungan sekitar. Penelitian ini bertujuan untuk mengetahui pelaksanaan manajemen risiko pengelolaan limbah medis padat B3 di UPTD Puskesmas Rawat Inap Bumidaya Kabupaten Lampung Selatan, meliputi proses identifikasi, analisis, evaluasi, dan pengendalian risiko. Penelitian ini menggunakan metode deskriptif dengan pendekatan kuantitatif dan kualitatif. Data diperoleh melalui observasi, wawancara, dan dokumentasi. Analisis risiko dilakukan menggunakan matriks risiko berdasarkan standar AS/NZS 4360:2004. Penelitian menunjukkan bahwa pengelolaan limbah medis di puskesmas masih mengandung berbagai potensi risiko seperti tertusuk benda tajam, terpeleset, terpapar bahan kimia dan mikroorganisme, serta risiko ergonomis. Tingkat risiko bervariasi dari rendah hingga sangat tinggi, dengan dominasi risiko sedang hingga tinggi pada tahap pengangkutan dan penyimpanan. Pengendalian risiko yang dilakukan belum optimal, terutama dalam hal penggunaan alat pelindung diri (APD), fasilitas pengangkutan internal, dan tempat penyimpanan yang sesuai standar. Untuk itu kesimpulan dari pengelolaan limbah medis B3 di UPTD Puskesmas Rawat Inap Bumidaya perlu ditingkatkan melalui penguatan SOP, pelatihan petugas, dan penyediaan sarana prasarana pendukung untuk mengurangi potensi risiko yang ada.

Kata Kunci : Limbah Medis, Manajemen Risiko, Limbah B3, Puskesmas,
AS/NZS 4360:2004

Daftar bacaan : 23 (2004-2022)

MINISTRY OF HEALTH OF THE REPUBLIC OF INDONESIA
TANJUNG KARANG MINISTRY OF HEALTH POLYTECHNIC
DEPARTMENT OF ENVIRONMENTAL HEALTH
APPLIED GRADUATE PROGRAM
Thesis, May 2025

Amir Maulana

“Medical Waste Risk Management at the UPTD of Bumidaya Inpatient Health Center, South Lampung”

xvii + 123 Pages, 17 Tables, 8 Figures, 7 Attachments

ABSTRACT

Medical waste is hazardous and toxic waste (B3) generated from health service activities and has the potential to pose risks to human health and the environment. Management of medical waste that does not comply with standards can cause physical, chemical, biological, and ergonomic hazards to officers and the surrounding environment. This study aims to determine the implementation of B3 solid medical waste management risk management at the Bumidaya Inpatient Health Center UPTD, South Lampung Regency, including the process of identification, analysis, evaluation, and risk control. This study uses a descriptive method with a quantitative and qualitative approach. Data were obtained through observation, interviews, and documentation. Risk analysis was carried out using a risk matrix based on the AS/NZS 4360:2004 standard. The study shows that medical waste management at the health center still contains various potential risks such as being stabbed by sharp objects, slipping, exposure to chemicals and microorganisms, and ergonomic risks. The risk level varies from low to very high, with a dominance of moderate to high risks at the transportation and storage stages. Risk control that has been carried out has not been optimal, especially in terms of the use of personal protective equipment (PPE), internal transportation facilities, and storage places that meet standards. For this reason, the conclusion of the management of B3 medical waste at the Bumidaya Inpatient Health Center UPTD needs to be improved by strengthening SOPs, training officers, and providing supporting facilities and infrastructure to reduce potential risks.

Keywords : *Medical Waste, Risk Management, B3 Waste, Community Health Center, AS/NZS 4360:2004*

Reading list : *23 (2004-2022)*