

## GAMBARAN PENANGANAN LIMBAH MEDIS BERBASIS *PATIENT SAFETY* DI UTD PMI KABUPATEN MAGELANG TAHUN 2025

Nadya Anggriani Damaiyanti<sup>1</sup>, Francisca Romana Sri Supadmi<sup>2</sup>, Reza Iqbal Suhada<sup>3</sup>

### INTISARI

**Latar Belakang:** Pengelolaan limbah medis merupakan bagian penting dalam mendukung keselamatan pasien dan kualitas pelayanan di fasilitas pelayanan kesehatan. Penelitian ini bertujuan untuk mengetahui gambaran penanganan limbah medis berbasis *patient safety* di UTD PMI Kabupaten Magelang. Ditemukan pula beberapa permasalahan dalam proses penampungan limbah medis. Ketika jumlah pendonor meningkat, petugas sering kewalahan sehingga tidak jarang terjadi kesalahan dalam pemilahan limbah. Contohnya, limbah seperti kassa bekas atau alkohol swab yang seharusnya dibuang di tempat limbah infeksius, justru dibuang ke tempat limbah non-infeksius.

**Tujuan Penelitian:** Penelitian ini bertujuan untuk mengetahui gambaran penanganan limbah medis berbasis prinsip *patient safety* di UTD PMI Kabupaten Magelang Tahun 2025.

**Metode Penelitian:** Metode yang digunakan adalah penelitian deskriptif kualitatif dengan pendekatan cross-sectional. Informan terdiri dari 3 informan sebagai petugas kunci yang terlibat dalam penanganan limbah medis. Data dikumpulkan melalui observasi dan wawancara.

**Hasil Penelitian:** Jenis limbah medis di UTD PMI Kabupaten Magelang meliputi limbah infeksius, benda tajam, cair, dan non-infeksius. Prosedur pengelolaan meliputi pemisahan di sumber, pengumpulan, penyimpanan sementara di TPS B3, dan pengangkutan ke pihak ketiga berizin. Prinsip *patient safety* diterapkan melalui penggunaan APD, pelabelan, pencatatan, dan komunikasi antar petugas.

**Kesimpulan:** Pengelolaan limbah medis di UTD PMI Kabupaten Magelang sudah sesuai standar dan prinsip *patient safety*, namun perlu peningkatan dalam pelatihan dan pengawasan agar lebih optimal dan berkesinambungan.

**Kata kunci:** Limbah Medis, *Patient Safety*, Limbah Medis UTD

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<sup>1</sup>Mahasiswa Prodi Teknologi Bank Darah Universitas Jenderal Achmad Yani Yogyakarta

<sup>2</sup>Dosen Prodi Teknologi Bank Darah Universitas Jenderal Achmad Yani Yogyakarta

<sup>3</sup>Dosen Prodi Teknologi Bank Darah Universitas Jenderal Achmad Yani Yogyakarta

## OVERVIEW OF PATIENT SAFETY BASED MEDICAL WASTE HANDLING AT UTD PMI MAGELANG REGENCY IN 2025

Nadya Anggriani Damaiyanti<sup>1</sup>, Francisca Romana Sri Supadmi<sup>2</sup>, Reza Iqbal Suhada<sup>3</sup>

### ABSTRACT

**Background:** Medical waste management is an essential part of supporting patient safety and the quality of services in healthcare facilities. This study aims to provide an overview of medical waste handling based on patient safety principles at the Blood Transfusion Unit (UTD) of the Indonesian Red Cross (PMI) in Magelang Regency. Several problems were also found in the process of collecting medical waste. When the number of donors increases, officers are often overwhelmed so that it is not uncommon for errors to occur in waste sorting. For example, waste such as used gauze or alcohol swabs that should be disposed of in infectious waste places are actually disposed of in non-infectious waste places.

**Objective:** This study aims to describe the handling of medical waste based on patient safety principles at the UTD PMI of Magelang Regency in 2025.

**Method:** This research uses a qualitative descriptive method with a cross-sectional approach. The informants consisted of 3 informants as key officers involved in handling medical waste.. Data were collected through observation and interviews.

**Results:** Types of medical waste at the UTD PMI of Magelang Regency include infectious waste, sharps, liquid waste, and non-infectious waste. The management procedures include source segregation, collection, temporary storage at the hazardous waste (TPS B3) facility, and transportation to a licensed third party. Patient safety principles are implemented through the use of personal protective equipment (PPE), labeling, recording, and communication among staff.

**Conclusion:** Medical waste management at the UTD PMI of Magelang Regency complies with standards and patient safety principles. However, improvements in training and supervision are needed to ensure more optimal and sustainable implementation.

**Keywords:** Medical Waste, Patient Safety, UTD Medical Waste

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<sup>1</sup>Student of Blood Bank Technology Study Program, General Achmad Yani University, Yogyakarta

<sup>2</sup>Lecturer of Blood Bank Technology Study Program, General Achmad Yani University, Yogyakarta

<sup>3</sup>Lecturer of Blood Bank Technology Study Program, General Achmad Yani University, Yogyakarta