

**OVERVIEW OF CANCER REGISTRATION DATA PROCESSING BASED
ON THE 5M ASPECTS AT DANUREJAN II PUBLIC HEALTH
CENTER, YOGYAKARTA**

Alisa Nurhasanah¹, Niken Meilani², Nita Budiyan³

¹²³Department of Midwifery, Polytechnic of the Ministry of Health Yogyakarta
Jl. Mangkuyudan MJ III/304, Yogyakarta, 55143

Email: alisa.nurhasanah83@gmail.com, niken.meilani@poltekkesjogja.ac.id
nita.budiyan@poltekkesjogja.ac.id

ABSTRACT

Background: Cancer is one of the leading causes of death worldwide. Good processing of cancer registration data is key to evidence-based cancer control. Danurejan II Health Center, as one of the implementers of Population-Based Cancer Registration (PBCR) in Yogyakarta, has an important role in recording cancer data at the primary level. The health center collects cancer data that is systematically inputted into SIMPUS. The data will be processed for cancer registration reporting purposes. However, the success of cancer registration data processing is influenced by various factors.

Objective: To determine the description of cancer registration data processing at Danurejan II Yogyakarta Health Center based on 5M aspects (Man, Machine, Method, Material, Money).

Research Methods: The type of research used is descriptive research with a qualitative approach. Data were collected through interviews and observations.

Research results: The results showed that cancer registration data processing still faced several challenges across each 5M aspect. These challenges include the absence of neoplasm coding training for staff, limited networks and server infrastructure, the lack of morphological coding features in the SIMPUS, difficulties in entering morphological codes due to insufficient clinical information, unavailability of SOP, and the absence of a special budget allocation for cancer registration training.

Conclusion: There are still some problems and obstacles in the implementation, so it needs to be improved through training, written SOP, and improving the quality of the network and server.

Keywords: cancer registration, data processing, 5M aspects, puskesmas, SIMPUS

GAMBARAN PENGOLAHAN DATA REGISTRASI KANKER BERDASARKAN ASPEK 5M DI PUSKESMAS DANUREJAN II YOGYAKARTA

Alisa Nurhasanah¹, Niken Meilani², Nita Budiyan³
¹²³Jurusan Kebidanan Poltekkes Kemenkes Yogyakarta
Jl. Mangkuyudan MJ III/304, Yogyakarta, 55143
Email: alisa.nurhasanah83@gmail.com, niken.meilani@poltekkesjogja.ac.id
nita.budiyan@poltekkesjogja.ac.id

ABSTRAK

Latar Belakang: Penyakit kanker merupakan salah satu penyebab utama kematian di seluruh dunia. Pengolahan data registrasi kanker yang baik merupakan kunci dalam pengendalian kanker berbasis bukti. Puskesmas Danurejan II sebagai salah satu pelaksana Registrasi Kanker Berbasis Populasi (RKBP) di Yogyakarta memiliki peran penting dalam pencatatan data kanker tingkat primer. Puskesmas berperan dalam mengumpulkan data kanker yang *diinputkan* secara sistematis ke dalam SIMPUS. Data tersebut akan dilakukan pengolahan data untuk keperluan pelaporan registrasi kanker. Namun, keberhasilan pengolahan data registrasi kanker dipengaruhi oleh berbagai faktor.

Tujuan: Mengetahui gambaran pengolahan data registrasi kanker di Puskesmas Danurejan II Yogyakarta berdasarkan aspek 5M (*Man, Machine, Method, Material, Money*).

Metode: Jenis penelitian yang digunakan adalah penelitian deskriptif dengan pendekatan kualitatif. Data dikumpulkan melalui wawancara dan observasi.

Hasil: Hasil penelitian menunjukkan bahwa pengolahan data registrasi kanker masih menghadapi beberapa kendala pada setiap aspek 5M. Kendala tersebut meliputi belum adanya pelatihan koding neoplasma bagi petugas, keterbatasan jaringan dan server, tidak ada fitur kode morfologi pada SIMPUS, kesulitan dalam pengisian kode morfologi akibat terbatasnya informasi klinis, belum tersedianya SOP, serta tidak adanya alokasi anggaran khusus untuk pelatihan registrasi kanker.

Kesimpulan: Masih ditemukan beberapa masalah dan hambatan dalam pelaksanaannya, sehingga perlu penyempurnaan melalui pelatihan, dibuatkan SOP tertulis, dan peningkatan kualitas jaringan dan server.

Kata kunci: registrasi kanker, pengolahan data, 5M, puskesmas, SIMPUS