

EVALUASI PENYIMPANAN DAN KUALITAS VAKSIN DI PRAKTIK MANDIRI BIDAN WILAYAH KERJA PUSKESMAS MUNTILAN 1 TAHUN 2024

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INTISARI

Latar Belakang: Vaksin adalah produk biologis yang berisi mikroorganisme yang telah dilemahkan atau dimatikan, tetapi masih memiliki bagian-bagian utuhnya, atau yang telah dimodifikasi menjadi protein rekombinan yang kemudian ditambahkan dengan bahan lain. Penyimpanan vaksin merupakan pengaturan terhadap vaksin yang diterima agar aman, terhindar dari kerusakan fisik untuk mempertahankan mutunya sesuai dengan persyaratan yang ditetapkan hingga pada saat digunakan.

Tujuan Penelitian: Mengevaluasi penyimpanan dan kualitas vaksin di Praktik Mandiri Bidan wilayah kerja Puskesmas Muntilan 1 tahun 2024

Metode Penelitian: Desain penelitian ini adalah potong lintang atau *cross sectional* dengan pendekatan kuantitatif dan kualitatif (*mix method*).

Hasil Penelitian: Penyimpanan vaksin di beberapa PMB di wilayah kerja Puskesmas Muntilan 1 belum sepenuhnya baik. Berdasarkan hasil penelitian didapatkan persentase rata-rata kesesuaian penyimpanan di PMB Dhiaulhaq sebesar 83,3%, PMB Dewi Sri sebesar 50% dan PMB Purwanti sebesar 33,3%. Sedangkan kualitas vaksin didapatkan rata-rata persentase kualitas vaksin di PMB Dhiaulhaq sebesar 100% , PMB Dewi Sri sebesar 96,8% dan PMB Purwanti sebesar 100%.

Kesimpulan: Hasil evaluasi penyimpanan dan kualitas vaksin di Praktik Mandiri Bidan (PMB) wilayah kerja Puskesmas Muntilan 1 berdasarkan hasil observasi dan wawancara menggunakan *checklist* menunjukkan bahwa penyimpanan vaksin dan kualitas vaksin di PMB wilayah Kerja Puskesmas Muntilan 1 belum sepenuhnya sesuai dengan pedoman Pengelolaan Vaksin di Fasilitas Pelayanan Kesehatan tahun 2021.

Kata kunci: Vaksin, Penyimpanan vaksin, Kualitas vaksin

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EVALUATION OF VACCINE STORAGE AND QUALITY AT MIDWIVES' INDEPENDENT PRACTICE IN THE WORKING AREA OF MUNTILAN 1 PUBLIC HEALTH CENTER IN 2024

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ABSTRACT

Background: A vaccine is a biological product that contains microorganisms that have been weakened or inactivated, but still have intact parts, or that have been modified into recombinant proteins, which are then combined with other substances. Vaccine storage involves the proper handling of received vaccines to ensure their safety and to protect them from physical damage, thereby maintaining their quality according to established requirements until they are used.

Objective: To evaluate vaccine storage and quality at midwives' independent practices in the working area of Muntilan 1 Public Health Center in 2024.

Methods: This study employs a cross-sectional design with a mixed-methods approach (quantitative and qualitative).

Results: Vaccine storage at several Midwives' Independent Practices (MIP) in the working area of Muntilan 1 Public Health Center has not been fully adequate. Based on the study results, the average storage compliance percentages at Midwives' Dhiaulhaq, Midwife Dewi Sri, and Midwife Purwanti were 83.3%, 50%, and 33.3%, respectively. Meanwhile, the average vaccine quality percentages were 100% at Midwife Dhiaulhaq, 96.8% at Midwife Dewi Sri, and 100% at Midwives Purwanti.

Conclusion: The evaluation results of vaccine storage and quality at Midwives' Independent Practices in the working area of Muntilan 1 Public Health Center, based on observations and interviews using a checklist, indicate that vaccine storage and quality at these Midwives' have not fully met the Vaccine Management Guidelines at Healthcare Facilities 2021.

Keywords: Vaccine, Vaccine Storage, Vaccine Quality

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