

GAMBARAN DAN EVALUASI SUHU PENYIMPANAN OBAT DI SALAH SATU APOTEK DI SUMEDANG

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ABSTRAK

Suhu dan lama waktu penyimpanan obat adalah faktor penting yang mempengaruhi stabilitas produk. Penelitian ini bertujuan untuk mengevaluasi suhu ruangan penyimpanan obat di salah satu apotek di Sumedang. Data suhu dan kelembaban ruangan dikumpulkan setiap hari selama satu bulan menggunakan termometer ruangan digital. Hasil penelitian menunjukkan bahwa suhu rata-rata harian berada dalam kisaran yang sesuai dengan standar penyimpanan obat (25°C - 30°C). Namun, kelembaban relatif rata-rata sedikit di atas batas atas yang direkomendasikan (60% RH). Disarankan untuk melakukan pemantauan suhu secara berkala, mengontrol kelembaban ruangan, dan merawat sistem ventilasi dan pendingin ruangan untuk menjaga stabilitas suhu dan kelembaban.

Kata kunci : Suhu ruangan penyimpanan obat ,stabilitas obat , kelembaban.

***OVERVIEW AND EVALUATION OF DRUG STORAGE TEMPERATURE IN
ONE PHARMACY IN SUMEDANG***

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ABSTRACT

The temperature and duration of drug storage are important factors that influence product stability. This study aims to evaluate the temperature of drug storage rooms in one of the pharmacies in Sumedang. Room temperature and humidity data were collected daily for one month using a digital room thermometer. The results showed that the daily average temperature was within the range appropriate to drug storage standards (25 °C - 30 °C). However, the average relative humidity was slightly above the recommended upper limit (60% RH). It is recommended to carry out regular temperature monitoring, control room humidity, and maintain ventilation and air conditioning systems to maintain drug stability.

Keywords: *Drug storage room temperature, drug stability, humidity.*