

**STUDY ON PATIENTS' KNOWLEDGE LEVEL REGARDING THE
BEYOND USE DATE OF COMPOUNDED MEDICINES AT KIMIA FARMA
PHARMACY 163, BANGKALAN**

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ABSTRACT

The Beyond Use Date (BUD) is the expiration date of a medication after it has been compounded or its primary packaging has been opened. Primary packaging includes containers that come into direct contact with the medication, such as bottles, ampoules, vials, and blister packs. The inclusion of the BUD on the medication container label is important to provide patients with information regarding the safe and effective use of the medication. This study aims to determine the level of patient knowledge regarding the BUD of compounded medicines at Kimia Farma Pharmacy 163 Jokotole, Bangkalan.

This study used observational data with a cross-sectional design and involved 96 respondents. The study was conducted from April to May 2025. The study population consisted of patients who received compounded medications at the pharmacy. Data collection was conducted through the distribution of questionnaires and analyzed descriptively, using the one-sample Kolmogorov-Smirnov test to determine the level of patient knowledge.

The results of the study indicate that patients' knowledge level regarding of the Beyond Use Date (BUD) of compounded medicines at Kimia Farma Pharmacy 163 Jokotole, Bangkalan, falls into the "good" category, with a percentage of 59.38%. This knowledge was important to ensure medications are used safely and effectively.

The recommendation from this study is the importance of enhancing patient education regarding the BUD, as well as the need to include the BUD on medication packaging labels to support safe and appropriate medication use.

Keywords: Beyond Use Date (BUD), Knowledge