

ABSTRACT

Nuri Rahmadiyah NIM 21482020020 S1 Community and Clinical Pharmacy Study Program	Advisor apt. Rizal Umar Rahmadani S.Farm., M.Farm. Klin NIDN. 0703048803
---	---

THE RELATIONSHIP BETWEEN THE LEVEL OF KNOWLEDGE AND SELF-MEDICATION BEHAVIOR USING NSAIDs ANALGESIC DRUGS IN PHARMACY STUDENTS AT NHM UNIVERSITY

ABSTRACT

Self-medication is the action of individuals in choosing and using drugs without a doctor's prescription to treat symptoms or health problems. One of the commonly used drugs in self-medication is analgesic Non-Steroidal Anti-Inflammatory Drugs (NSAIDs). Inappropriate use of NSAIDs risks causing side effects, especially on the gastrointestinal tract and kidneys. Pharmacy students as prospective health workers are expected to have knowledge and rational behavior towards the use of NSAIDs, but not all of them have the appropriate understanding and behavior.

This study is descriptive with a cross-sectional approach and was conducted in May 2025 at NHM University. The sample was taken using proportional random sampling technique of 101 pharmacy students. The research instrument was a knowledge and behavior questionnaire that had been tested for validity and reliability. Data were analyzed descriptively using frequency distribution.

The results showed that most students had a high level of knowledge (40.5%) and sufficient self-medication behavior (73.2%). Spearman correlation test showed a significance value of 0.777 ($p > 0.05$), which means there is no relationship between the level of knowledge and self-medication behavior using NSAIDs.

The conclusion of the study shows that although knowledge about NSAIDs is good, not all students apply appropriate self-medication behavior.

Future researchers are advised to consider other variables such as personal experience, sources of information, or social factors that may be more influential on self-medication behavior, as well as expand the scope of research subjects beyond NHM University pharmacy students.

Keywords: Knowledge, Self-medication Behavior, NSAIDs Analgesics, Pharmacy Students