

**ASSESSING PHARMACY INFORMATION SYSTEMS AND THEIR
SUPPORT FOR PHARMACEUTICAL SERVICE STANDARDS: A
MIXED METHODS STUDY IN EAST KALIMANTAN PRIMARY
HEALTHCARE CENTERS**

THESIS

**Submitted in Partial Fulfilment of the Requirements
for the Degree of Master of Pharmacy (M.Pharm.)**



Nor Hamidah

24/551501/PFA/02479

**POSTGRADUATE PROGRAM
MASTER PROGRAM OF PHARMACY MANAGEMENT
FACULTY OF PHARMACY
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2026

Thesis

**ASSESSING PHARMACY INFORMATION SYSTEMS AND THEIR
SUPPORT FOR PHARMACEUTICAL SERVICE STANDARDS: A
MIXED METHODS STUDY IN EAST KALIMANTAN PRIMARY
HEALTHCARE CENTERS**

Prepared and Written by :

Nor Hamidah
24/551501/PFA/02479

has been defended in front of Board of Examiners on 13th May 2026

Supervisor



Prof. Dr. apt. Susi Ari Kristina, M.Kes.

Co-Supervisor



Associate Prof. Vo Quang Trung, Ph.D.

Acknowledged by,
Faculty of Pharmacy
Universitas Gadjah Mada
Dean



Prof. Dr. apt. Satibi, M.Si.

Board of Examiners

Chair : Prof. Dr. apt. Chairun Wiedyaningsih, M.Kes., M.App.Sc 

Members :

1. dr. M. Lutfan Lazuardi, M.Kes., Ph.D.

1. 

2. Prof. Dr. apt. Susi Ari Kristina, M.Kes.

2. 

3. Associate Prof. Vo Quang Trung, Ph.D.

3. 