# OVERVIEW OF THE CROSSMATCH EXAMINATION PROCEDURE AT THE UDD PMI SURABAYA CITY IN 2024 (CASE STUDY)

Nur Quratul Nabila Atikah
Blood Bank Technology Program, Department of Pharmaceutical and Food Analysis, Malang Ministry of Health Polytechnic, JL. Besar Ijen No. 77C Malang
Email : nur_p17440221006@poltekkes-malang.ac.id

## ABSTRACT

**Background :** The researcher conducted a study on the Crossmatch examination procedure in place at the PMI Blood Transfusion Unit (UDD) in Surabaya City, as it is one of the main PMI Blood Transfusion Units in East Java certified under CPOB standards. **Research Objective :** This study aims to describe the preparation of staff, the preparation of equipment used, and the Crossmatch examination procedure at the PMI Blood Transfusion Unit in Surabaya City. **Research Method:** This study employed a qualitative descriptive method with a case study approach, collecting primary data through observation, interviews, and documentation from two staff members conducting Crossmatch examinations. **Research Findings :** The research subjects, Mr. AL and Mrs. AN, performed self-preparation such as handwashing and using personal protective equipment (PPE) adequately. However, they omitted the use of protective goggles and a nurse cap. Mr. AL and Mrs. AN checked the equipment and sufficiency of materials used in the examination. Additionally, Mr. AL and Mrs. AN conducted the Crossmatch examination in accordance with the applicable procedures. **Conclusion :** Mr. AL and Mrs. AN had prepared themselves by washing their hands and wearing complete PPE. Mr. AL and Mrs. AN also checked the equipment and sufficiency of materials used in the crossmatch examination, and Mr. AL and Mrs. AN performed the crossmatch examination in accordance with established procedures.

Keywords: Procedure, Crossmatch, Action, Case Study