ABSTRACT

Background: Blood transfusion services are an important component in the health sector that aims to ensure the availability of safe blood that meets patient needs. Objective: To determine the flow of crossmatch implementation at the Blood Transfusion Installation (ITD) of Dr. Soetomo Hospital, Surabaya. Method: The study was conducted using an observation method with a case study design using primary data obtained through direct observation. Results: The process of crossmatch implementation includes a series of examinations to ensure the compatibility of donor blood with patient blood, including blood requests, blood receipts, blood preparation, blood labeling and storage in blood refrigerators, and blood collection and delivery. The results of the study obtained from 5 indicators observed for 4 days have been carried out in accordance with the provisions stipulated in the Standard Operating Procedure (SOP) for the crossmatch implementation flow. Conclusion: The Standard Operating Procedure (SOP) regarding the crossmatch implementation flow has been in accordance with and refers to the Regulation of the Minister of Health No. 91 of 2015.

Keywords : Blood service, Crossmatch