

## **ABSTRACT**

*Dr. Hasan Sadikin Hospital Bandung is a national reference center for nuclear medicine. To support health services at the nuclear medicine installation, it certainly requires various types of goods, ranging from medical devices, radioactive materials, medicines, and various other needs. The right procurement process is key in ensuring the smooth running of quality nuclear medicine installation health services. The procurement process at the nuclear medicine installation at RSHS is still carried out conventionally and separately between divisions or sections, this can cause communication problems, lack of data integration, and difficulties in monitoring stock and fulfilling requests quickly. ERP system development using open-source Odoo to support the integrated procurement process using the Quickstart method. The ERP system can facilitate the procurement of goods for nuclear medicine installations in designing systems starting from the bidding process to vendors, purchasing goods, receiving goods to enter the warehouse, to the payment process to vendors. The ERP system will combine business processes and data from various divisions or parts in one centralized database. This integration allows the use of consistent and real time information in decision making, transparency, and data accuracy. The integration carried out in the system is integration in the purchase, inventory, sales, manufacturing, and accounting modules. In this study, system testing using integration testing and blackbox testing was directly validated by the relevant nuclear medicine installation. The result of this research is the development of a procurement system for nuclear medicine installations using the purchase module in Odoo.*

**Keywords:** *ERP, Odoo open-source, Quickstart method*