

**DESIGN OF A DIGITAL PATIENT SAFETY REPORTING SYSTEM
WITHIN THE FRAMEWORK OF HOSPITAL
QUALITY IMPROVEMENT**

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SUMMARY

Background; *The high incidence of patient safety incidents in Indonesian hospitals is a major concern, primarily driven by low healthcare worker awareness and ineffective reporting systems. Other contributing factors include fear of repercussions, insufficient understanding of procedures, minimal management feedback, and a time-consuming manual reporting process. The National Committee for Hospital Patient Safety (KNKPRS) reported a significant increase in incident reports, from 4,918 cases in 2022 to 5,710 cases from 3,145 hospitals in 2023. Therefore, the development of a prototype reporting system is expected to be an initial step towards improving hospital quality in managing patient safety incidents.* **The objectives of the research;** *As an initial media in streamlining the patient safety incident reporting system to help reduce the workload of health workers.* **Method;** *Making a prototype of a patient safety incident reporting system based on the Ja'far Medika general hospital incident reporting form using the Figma application.* **Results;** *The output is a prototype called the Integrated Patient Safety Incident System (SIPANDU) which has been tested on the director and quality department of the Ja'far Medika general hospital.* **Conclusion;** *The use of this prototype has great potential in creating intuitive and efficient reporting solutions and can be developed into a ready-to-use patient safety incident reporting system in hospitals.*

Keywords : *Hospital Quality Improvement, Patient Safety Incident Reporting, Prototype*