

Internship Training

At

KD Hospital

On

Importance Of Classification of Drug in Inventory management

By

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1. TITLE: Importance Of Classification Of Drug in Inventory management

2. INTRODUCTION: KD hospital recognizes the pivotal role of efficient supply chain management (SCM) in ensuring quality patient care and operational excellence. This project delves into KD Hospital's initiative to optimize inventory management through the integration of advanced technology solutions. By harnessing technology, KD Hospital aims to streamline procurement, enhance inventory visibility, minimize stockouts, and ultimately improve patient outcomes.

3. RESEARCH QUESTION: What is the role of drug classification in enhancing the operational efficiency of pharmaceutical inventory systems?

4. OBJECTIVES:

- To evaluate the current inventory management practices at KD Hospital.
- To identify challenges and inefficiencies associated with manual inventory management processes.
- To assess the potential benefits of integrating technology solutions, such as RFID and inventory management software, in inventory management at KD Hospital.
- To analyze the impact of technology-enabled inventory management on supply chain efficiency and patient care outcomes.
- To propose recommendations for the successful implementation and optimization of technology solutions in inventory management at KD Hospital.

5. HYPOTHESIS: The integration of advanced technology solutions in inventory management at KD Hospital will result in improved supply chain efficiency, reduced costs, and enhanced patient care outcomes compared to traditional manual processes.

6. MATERIAL AND METHODS:

STUDY DESIGN: Mixed-methods approach involving qualitative interviews and quantitative data analysis.

SETTING: KD Hospital and its inventory management system.

STUDY POPULATION: Supply chain Department

STUDY TOOLS: Semi-structured interview guides, structured questionnaires, data collection forms.

DURATION OF STUDY: 12 weeks

SAMPLE SIZE: Estimated sample size of 500 participants.

SAMPLING TECHNIQUE: Convenience sampling.

DATA COLLECTION PROCEDURE: Interviews conducted with hospital staff. Surveys administered to assess perceptions and experiences with technology-enabled inventory management. Data collected on inventory accuracy, stock levels, and operational costs.

OPERATIONAL DEFINITIONS: Technology-enabled inventory management defined as the use of RFID, inventory management software, and other technology solutions to track, monitor, and manage inventory at KD Hospital.

7. DATA ANALYSIS PLAN: Data will be Analyzed using Microsoft Excel Software.

8. ETHICAL CONSIDERATIONS: Informed consent will be obtained from all study participants. Measures will be taken to ensure data security, privacy, and confidentiality in accordance with ethical guidelines.

9. IMPLICATIONS OF RESEARCH: The findings of this study will provide valuable insights into the effectiveness of technology solutions in optimizing inventory management at KD Hospital. Recommendations derived from the study can inform strategies for implementing and maximizing the benefits of technology-enabled inventory management in hospitals.

10. REFERENCES:

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