Abstract

This research investigates the relationship between patient flow management and hospital efficiency through a mixed-methods case study. Effective patient flow is essential for optimizing hospital operations, reducing wait times, and improving patient care outcomes. The study aims to identify key factors in patient flow management that contribute to enhanced hospital efficiency, focusing on processes such as patient admission, discharge, and movement through various departments.

The quantitative component of the study involves analyzing operational data from the hospital, including patient wait times, bed utilization rates, patient throughput, and discharge times. Statistical analysis helps to assess how different patient flow strategies influence hospital efficiency metrics, providing a clear picture of the impact of effective patient flow management on overall hospital performance. The goal is to identify areas where improvements can be made to streamline patient movement and reduce bottlenecks.

Complementing this, the qualitative aspect includes interviews with hospital administrators, clinicians, and operational staff to gather insights into the challenges and best practices in managing patient flow. These interviews offer a deeper understanding of the organizational, technological, and human factors that affect patient flow management. The findings aim to provide practical recommendations for hospitals to optimize patient flow, ultimately improving efficiency, reducing costs, and enhancing the quality of care provided to patients.