

Contribution of Supply Chain Management Practices for Enhancing Healthcare Service Quality: A Quantitative Analysis in Delhi's Healthcare Sector

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Abstract : This study seeks to investigate and quantify the influence of various dimensions of supply chain management (namely, supplier relationships, compatibility, specifications and standards, delivery processes, and after-sales service) on distinct dimensions of healthcare service quality (specifically, responsiveness, trustworthiness, and security) within the operational framework of XYZ Superspecialty Hospital, situated in Delhi. The name of the Hospital is not being mentioned here because of the privacy policy of the hospital. The primary objective of this research is to elucidate the impact of supply chain management practices on the overall quality of healthcare services offered within hospital settings. Employing a quantitative research design, this study utilizes a hypothesis-testing approach to systematically discern the relationship between supply chain management dimensions and the quality of health services. The findings of this study underscore the significant influence exerted by supply chain management dimensions, specifically supplier relationships, specifications and standards, delivery processes, and after-sales service, on the enhancement of healthcare service quality. Moreover, the study's results reveal that demographic factors such as gender, qualifications, age, and experience do not yield discernible disparities in the relationship between supply chain management and healthcare service quality.

Keywords : supply chain management, healthcare, hospital operations, service delivery

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