

Abstract Submission

IMPROVING PHARMACEUTICAL SUPPLY CHAINS AND INVENTORY MANAGEMENT DECISION SUPPORT FOR A HOSPITAL

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Abstract

We examine the pharmaceutical supply chain of a local hospital in Louisiana along with the current uses of information technology in the inventory management and control system. We provide models essential to understanding managerial tradeoffs at the operational, tactical, and strategic levels of the hospital pharmacy. In addition, we demonstrate how these models provide decision support to pharmacy administrators. Through these efforts, we show how changes in the hospital formulary impact workforce capacities and ultimately influence inventory decisions and negotiations between physicians and pharmacists.