

Efficient Drug Procurement at Cloudnine Hospital



Cloudnine Hospital in Bengaluru is optimizing its drug procurement supply chain to ensure timely availability, reduce waste, and improve patient care. This presentation outlines the hospital's strategies for enhancing supply chain management.

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Centralized Procurement Process

Indent Approval

Substores submit indents to the main store, which reviews and approves them before placing orders.

Vendor Coordination

The central purchase department liaises with suppliers to ensure on-time delivery of required drugs.

Inventory Monitoring

The hospital tracks stock levels and expiration dates to minimize waste and stockouts.

Streamlined Warehousing

Organized Storage

Drugs are stored on shelves by category and expiration date for easy access.

Temperature Control

Temperature-sensitive medications are kept in refrigerated areas to maintain quality.

Handling Protocols

Proper equipment and training ensure safe movement and storage of all supplies.

Inventory Software

Digital tools track stock levels and expiration dates to optimize replenishment.



Literature Review :

- The literature review covers various aspects of pharmaceutical supply chain management, including the handling of medicines from raw materials to final delivery.
- Key challenges identified include outdated systems, lack of integration, and inefficiencies exacerbated by the COVID-19 pandemic.
- Previous studies highlight the importance of advanced technologies and methodologies, such as RFID, for improving supply chain efficiency.

Methodology:

- The research employs a combination of secondary research and data analysis.
- Data collection involved reviewing existing literature and analyzing supply chain practices at Cloudbine Hospital.
- The analysis focused on identifying gaps and proposing solutions to enhance the current system.

Findings

- Key findings reveal that accurate demand forecasting and data management are crucial for an efficient supply chain.
- Implementing advanced technologies like RFID can reduce errors and ensure timely availability of medicines.
- The study also found that effective communication and collaboration among stakeholders are vital for successful supply chain management.

Demand Forecasting

1

Historical Data

Analyze past consumption patterns to predict future demand.

2

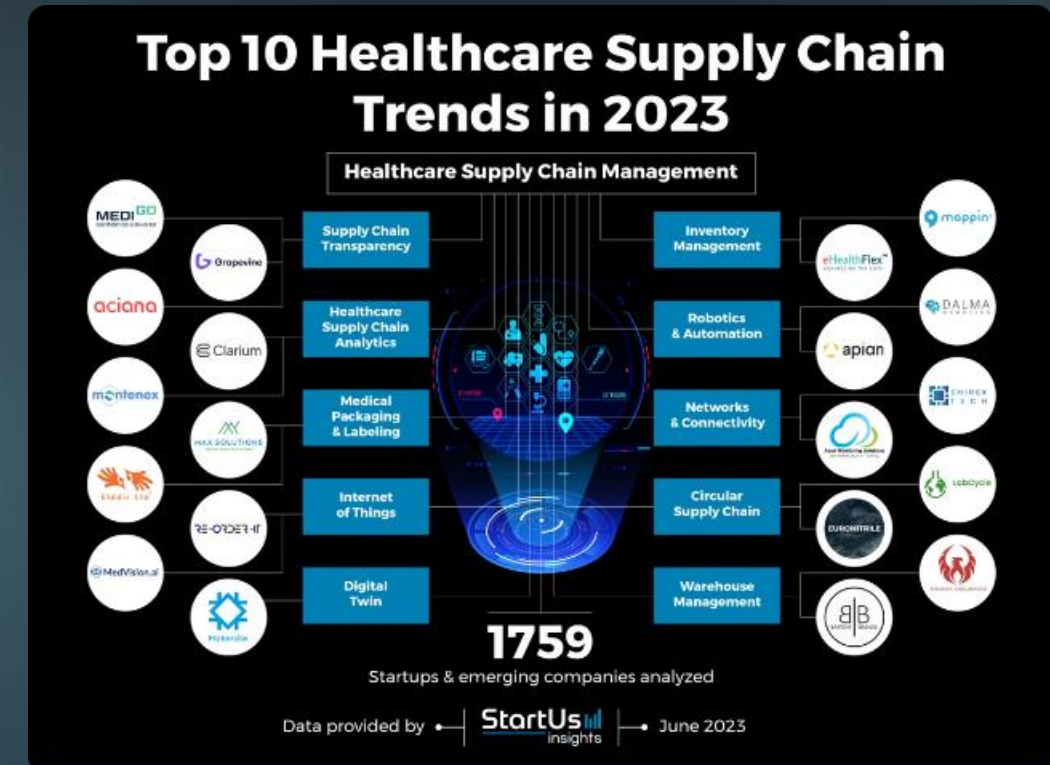
Adaptive Modeling

Use advanced algorithms to adjust forecasts based on changing trends.

3

Continuous Monitoring

Regularly review and update forecasts to ensure accuracy.





Expired and Defective Drugs

- 1 Proactive Monitoring**
Regularly review expiration dates to identify items nearing the end of shelf life.
- 2 Timely Returns**
Return expired or defective products to suppliers within 6 months for full refunds.
- 3 Disposal Protocols**
Ensure proper handling and disposal of medications that cannot be returned.

Emergency Procurement

1

Urgent Indents

Substores can directly submit indents to the central purchase department for immediate processing.

2

Expedited Ordering

The purchase team prioritizes and fast-tracks orders for critical medications.

3

Supplier Coordination

Suppliers are engaged to ensure the fastest possible delivery of emergency supplies.



Supplier Relationships



Quality Assurance

Rigorous vetting of suppliers to ensure high-quality, compliant products.



Reliable Delivery

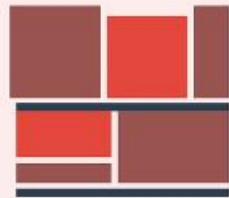
Collaborative partnerships to maintain consistent and timely supply of medications.



Open Communication

Transparent information sharing to address issues and optimize the supply chain.

Hospital Inventory Best Practices



Organize
Inventory



Assign
Clear Team
Responsibilities



Use
Asset Tags
and Barcodes



Collect
Data



Optimize
Operations



Inventory Management

Inventory Visibility

Real-time tracking of stock levels and expiration dates

Automated Replenishment

Trigger reorders based on predefined minimum thresholds

Demand-Driven Ordering

Align procurement with actual consumption patterns

Waste Reduction

Minimize expired or obsolete inventory through proactive management

Continuous Improvement

1 Performance Monitoring

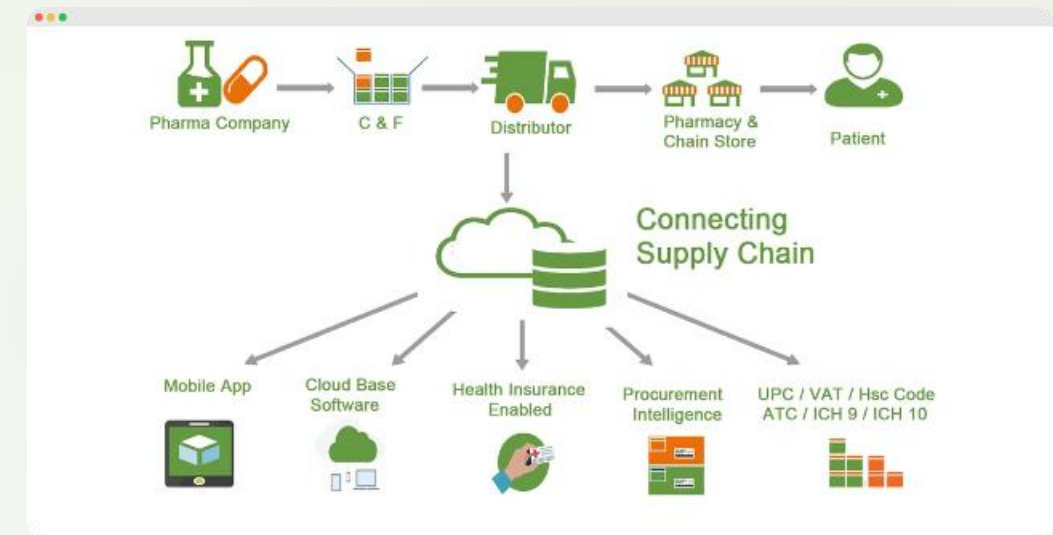
Regularly review key metrics to identify areas for improvement.

2 Staff Training

Provide ongoing education to enhance supply chain management skills.

3 Technology Adoption

Leverage digital tools to streamline processes and boost efficiency.





Conclusion

Improved Patient Care

Reliable access to essential medications enhances the quality of patient treatment.

Cost Optimization

Efficient supply chain management reduces waste and lowers procurement costs.

Competitive Advantage

Effective supply chain strategies position the hospital as a leader in the market.