

**A
Dissertation Project
On
To Study the existing system and practices of
Supply Chain Management in Rajasthan Medical
Service Corporation and comparing with pre
establishment of RMSC.**

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Introduction

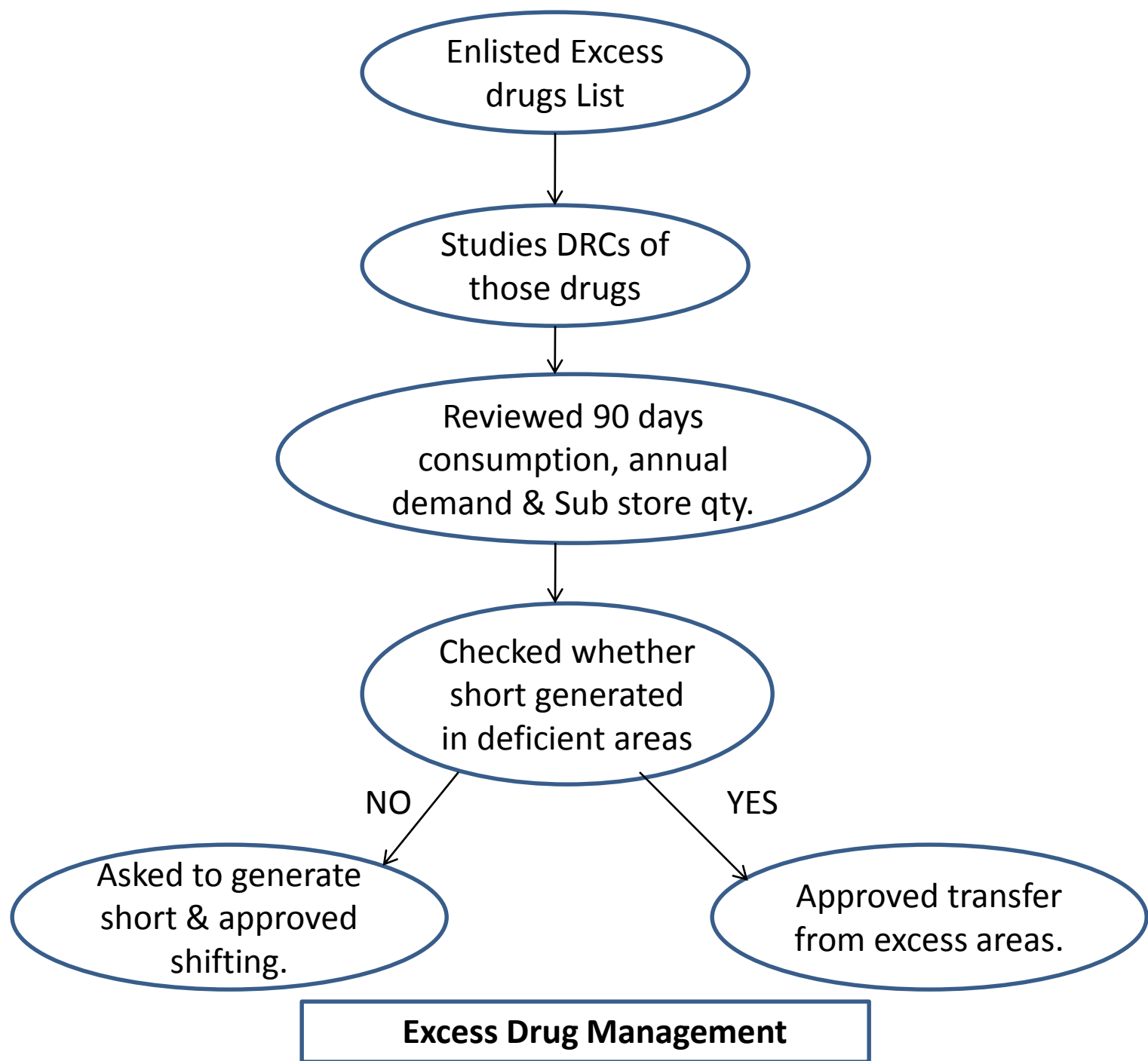
- Rajasthan Medical Services Corporation Limited (RMSCL) was incorporated on 04th May, 2011 as Public Limited Company under The Companies Act, 1956.
- It is wholly owned Government Company. It has obtained Certificate of Commencement of Business on 13th June, 2011.
- RMSCL has been established as a centralized procurement agency for procuring generic medicines, surgical & sutures and medical equipments for the department of Medical, Health and Family welfare department, medical Education department and other departments.

It was constituted in compliance of Hon'ble Chief Minister budget announcement for the year 2011-12 to provide commonly used essential medicines free of cost to all patients visiting Government healthcare institutions.

Following tasks are currently in progress

- Excess drugs management.
- Short drugs management.
- Routine approval of transfer of urgent required drugs.
- Near expiry drugs management on all DDW/ DDC.
- Monitoring of 603 essential drugs of all DDC.
- Monitoring of compliance reports Monitoring drug level at DDCs/Sub stores to ensure optimum usage of drugs.
- Telephonic conversation with DPCs/Pharmacists to confirm availability of drugs at required places, consumption of near expiry drugs, and better coordination

Excess Drug Management



E-aushidhi



Advanced Drug Warehouse Management System

The e-Aushadhi is a web based application which deals with the management of stock of various drugs, sutures and surgical items required by different district drug warehouses of Maharashtra state. The prime objective of a District Drug Warehouse is to supply drugs to the various medical institutes that are associated with the given district drug warehouse.

Drug Locator

Locate drugs in warehouses



Drug Transfer

Hierarchical transfer of drugs



Quality Control Desk

Maintain details of quality check



Benefits of e-Aushadhi

- 1 Better Planning, executing and controlling
- 2 Online Tracking of Drug Inventory
- 3 Streamlining of Inter-Drug warehouse Transfer
- 4 Store, Maintain, Update, Search & Display information related to drugs
- 5 Alert with different colour for to be expired item will be generated well before its expiry date

Login

Username

Password

[Forgot your password](#)

Login

Get in touch



e-Aushadhi Cell - (022) 22626124 / 22626123

Procurement Cell - (022) 22631831/22651026

Email: eaushadhi@gmail.com

Address: 1st floor, Procurement cell, Arogya

Need for Study

- Pharmaceutical Supply chain management is the biggest challenge in the world especially in the India.
- Various challenges include timely access of drugs, Annual demand forecasting, and extension in supply of drugs and Quality management of vaccines, sera and human immunoglobulin's.
- Lack of trained professionals: Awareness of the concept of supply chain management particularly within public hospitals is low (Lauer 2004).
- Annual demand forecasting: it is challenging task to predict exact demand of drugs in public sector.
- Perceived poor monitoring of cold chain supply management by regulatory authorities.

Research Question

- What is the medicine storage and distribution system of the RMSCL and comparing it with prestablishment of RMSC?

Objectives

- To study the medicine Procurement system of the state of Rajasthan before and after the establishment of RMSCL.
- To study the medicine storage and distribution system of the RMSCL and compare with the situation prior to its establishment.

Methodology

Sample design

Exploratory

Sampling method

Non-Probability (Purposive) sampling

Study Area

Jaipur.

Data collection:

Secondary data- The secondary data for this project was gathered through different dependable articles and research reports.

Research Instrument (tools and techniques)

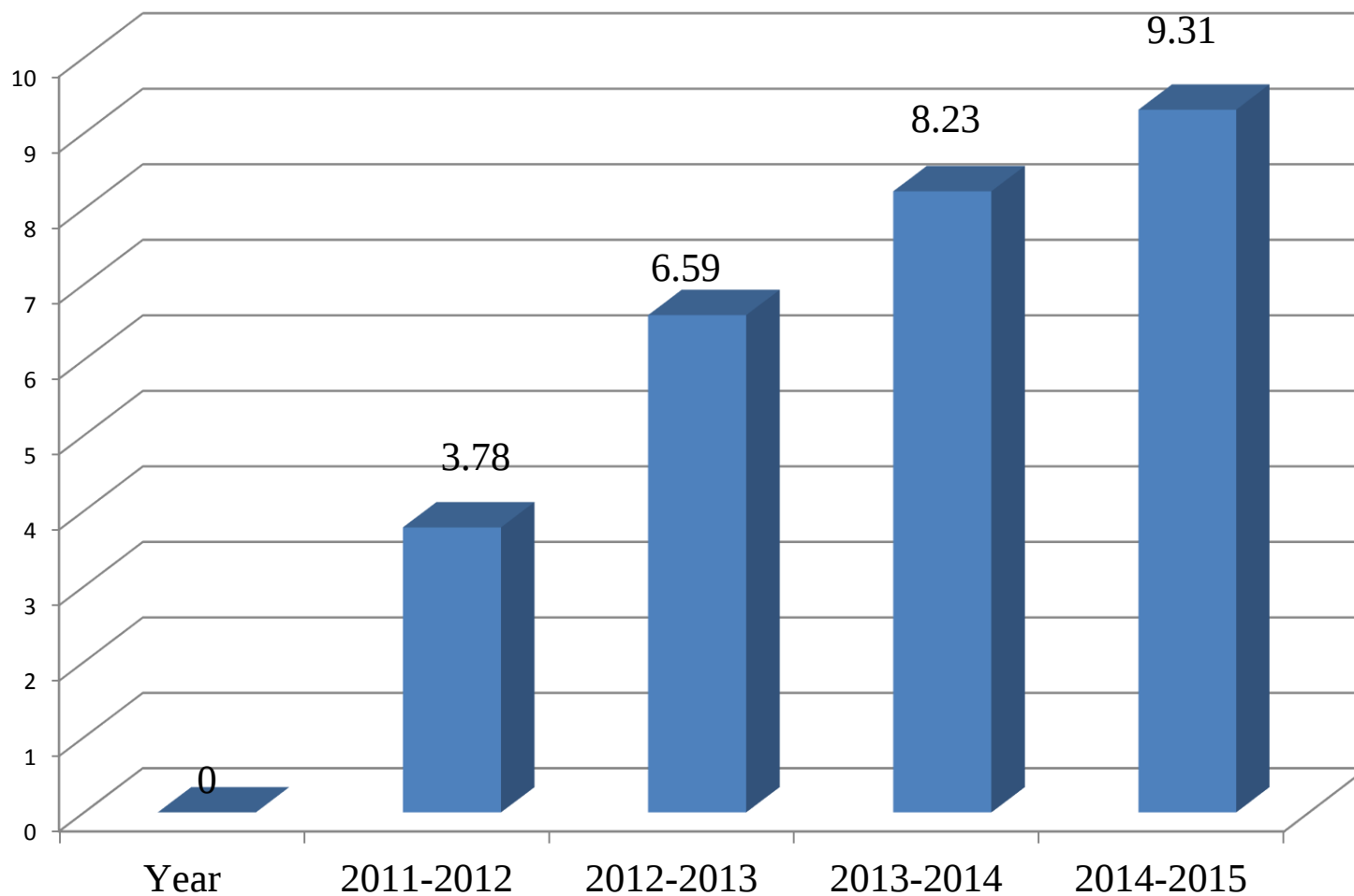
The information was collected by informal talk with the Pharmacist in supply Cell, IT officer, Logistics Cell, and Suppliers.

Study duration

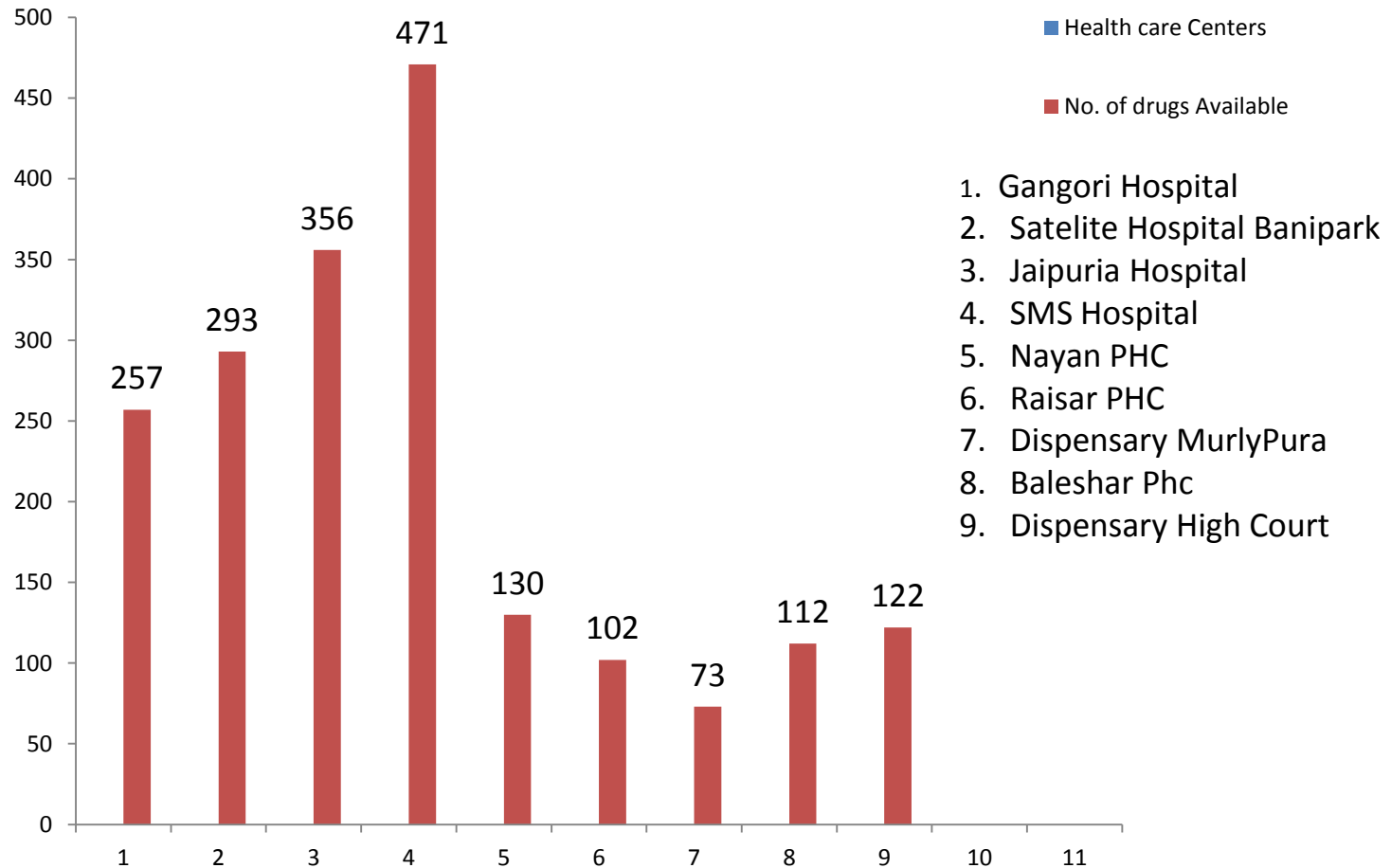
3 months (5st February to 6th May)

Data Analysis

Increase in number of patients in (Crores) in Govt. Institutes



Availability of Drugs in various Health Care Centers



Findings based on Observation

- Number of Beneficiaries has been increased exponentially after establishment of RMSC.
- SMS Hospital, Jaipur have high no. of Drugs Availability.

Conclusions:

- Information technology plays a major role in streamlining the supply chain management of Rajasthan Medical Service Corporation.
- e- Aushadhi helps in better planning control and execution through various processes like demand management order management and financial management.
- Micro analytics helps to solve the routing problems.

Limitations

- Study was Done only Jaipur DDW.
- The Time duration of the Study was Short did not allow collecting more data.
- The respondents were very busy and could not get more time to answer.

References

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Thank you