



Cambridge
International

Professional Research Thesis

Titled

**The impact of human resources on the competitive
advantage of pharmaceutical companies**

Researcher

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2024



SUMMARY

The pharmaceutical industry is considered one of the most complex and important industries worldwide. It is closely linked to public health and the well-being of communities, playing a pivotal role in improving quality of life and increasing life expectancy. With rapid advancements in pharmaceutical research and development, biotechnology, and genomics, new horizons are emerging for discovering and developing advanced drugs to treat incurable and chronic diseases.

However, this scientific progress is accompanied by significant administrative and competitive challenges faced by pharmaceutical companies. Global competition in this sector is extremely intense, with high costs of research and development, expiration of intellectual property rights for leading drugs, and increasing pressures to reduce costs. All these factors place immense pressure on these companies to adopt successful management strategies to maintain their competitive edge and increase their market share.

This thesis aims to study the impact of various business management strategies on the market capability of pharmaceutical companies. It highlights critical factors that determine the success or failure of these companies, such as research and development strategies, marketing, supply chain management, strategic partnerships, as well as the role of innovation and technology in enhancing competitive advantage.

The study seeks to provide valuable insights for executives and decision-makers in pharmaceutical companies, helping them make informed strategic decisions that will enhance their competitive position in both

local and global markets. It also aims to enrich theoretical and practical knowledge in the field of pharmaceutical business management by proposing a comprehensive framework for success strategies in this vital and complex sector.

This thesis will cover several important aspects, including an analysis of the competitive environment of the pharmaceutical industry, studying key trends and challenges faced by companies, and evaluating various applied and potential business strategies to increase market share. It will also examine the impact of regulatory policies, laws, and patents on the pharmaceutical sector, as well as the role of governmental and international organizations in influencing the business environment.

Additionally, the thesis will provide in-depth analyses of research and development management strategies, including portfolio management, assessment of new technological opportunities, and identification of promising investment areas. Effective marketing and promotion strategies to raise product awareness and access new markets will also be studied.

On the other hand, the thesis will focus on the importance of efficient supply chain management, achieving integration across various stages from manufacturing to distribution, with an emphasis on ensuring product quality and patient safety. It will also discuss the role of strategic partnerships with universities and research institutions, and alliances with other companies, in enhancing innovative capabilities and sharing risks and costs.

Finally, the thesis will analyze the role of technology and innovation in the pharmaceutical industry, including applications of artificial intelligence, big data, and automation in areas such as drug discovery, molecular

design, and clinical data analysis. It will discuss how these technologies can be leveraged to improve process efficiency and accelerate development.

The study Problem.

Pharmaceutical companies are currently facing increasing challenges related to competitiveness in both global and local markets. These challenges include pressure on prices, tightening of laws and regulations, changes in consumer preferences, and rapid advancements in medical and pharmaceutical technology. In this context, the importance of business management strategies emerges as a crucial tool for enabling companies to adapt to these challenges and achieve sustainable growth in their market capabilities.

Business management strategies encompass a variety of activities and procedures aimed at improving an organization's performance. Among these strategies are product innovation, operational process improvement, adoption of modern marketing techniques, and workforce skill development. However, the actual impact of these strategies on the market capability of pharmaceutical companies has not been sufficiently studied in the local environment.

Based on the above, the research problem can be formulated as follows: What is the impact of different business management strategies on increasing the market capability of pharmaceutical companies in the local market?

Several sub-questions derive from this main problem, including:

- How does product innovation strategy affect the market capability of pharmaceutical companies?*
- What is the role of operational process improvement in enhancing the competitiveness of pharmaceutical companies?*

- *How do modern marketing strategies contribute to increasing market share for pharmaceutical companies?*
- *To what extent does workforce skill development impact the market performance of pharmaceutical companies?*

This study aims to analyze these questions scientifically and methodically to provide practical recommendations for pharmaceutical companies on how to effectively use business management strategies to achieve sustainable growth in market capability.

The importance of studying:

This study holds significant importance as it highlights the role of business management strategies in enhancing the market capability of pharmaceutical companies. In the face of increasing challenges such as price pressures, stringent laws and regulations, and changing consumer preferences, there is an urgent need for effective strategies to ensure competitiveness and sustainable growth.

The importance of the study lies in its ability to provide innovative solutions for pharmaceutical companies, helping them overcome current and future challenges. By reviewing and evaluating various business management strategies, companies can adopt modern techniques and improve their operational processes, thereby enhancing product and service quality, increasing customer satisfaction, and strengthening the company's reputation in the market.

Additionally, the study provides a theoretical and practical framework that can be used to inform future policies and strategies for pharmaceutical companies. This enables senior management to make informed decisions based on reliable research results, contributing to achieving sustainable competitiveness. Furthermore, the study emphasizes the importance of workforce skill development and providing necessary training to employees, leading to improved internal efficiency and overall company performance.

The study also enriches academic knowledge in the field of business management and the pharmaceutical industry by providing new data and analyses that can serve as a reference for other researchers. It also opens

avenues for future studies focusing on other aspects of the relationship between business management and the pharmaceutical industry.

Since the study focuses on the local market, it helps local pharmaceutical companies adapt their strategies based on local market conditions and requirements, enhancing their ability to compete with foreign companies. Therefore, the study contributes to improving the ability of local companies to address market challenges and achieve sustainable growth.

In summary, the importance of this study stems from its ability to provide in-depth insights and practical guidance for pharmaceutical companies on how to use business management strategies to achieve sustainable growth and increase market capability. This not only impacts individual pharmaceutical companies but also contributes to strengthening the pharmaceutical industry overall, leading to improved healthcare and better meeting community needs.

Objectives of the study:

- *Determine the impact of different business management strategies on the market capability of pharmaceutical companies.*
- *Analyze the role of product innovation in enhancing market capability.*
- *Evaluate the effect of improving operational processes on the competitiveness of pharmaceutical companies.*
- *Study the impact of modern marketing strategies on increasing market share for pharmaceutical companies.*
- *Measure the extent to which workforce skill development affects the market performance of companies.*

Study hypotheses and questions.

- *Business management strategies positively impact the market capability of pharmaceutical companies.*
- *Product innovation contributes to increasing the market share of pharmaceutical companies.*
- *Improving operational processes enhances the competitiveness of pharmaceutical companies in the market.*
- *Utilizing modern marketing strategies increases the reach of pharmaceutical companies' products and their market share.*

Research Questions.

- *Do business management strategies positively affect the market capability of pharmaceutical companies?*
- *Does product innovation contribute to increasing the market share of pharmaceutical companies?*
- *Does improving operational processes enhance the competitiveness of pharmaceutical companies in the market?*
- *Does using modern marketing strategies increase the reach and market share of pharmaceutical companies' products?*

Study Approach.

The analytical descriptive method was used to investigate "the impact of business management strategies on increasing the market capability of pharmaceutical companies."

The limits of the study:

Spatial boundaries: The Arab world.

Time limits: 2000-2024

Study plan.

The study plan will be organized as follows, with several chapters, sections, and subsections, concluding with a summary.

Chapter One: Theoretical Framework and Scientific Concepts

- *Section One: Introduction to Business Management*
 - *First: The Nature and Importance of Management*
 - *Second: The Nature of Business Management*
 - *Third: Divisions and Fields of Management*
 - *Fourth: The Relationship between Management and Other Sciences*
- *Section Two: Defining Market Capability and Its Importance*
 - *First: Definition of Market Capability*
 - *Second: Importance of Market Capability*
 - *Third: Factors Affecting Market Capability*

Chapter Two: Business Management Strategies in Pharmaceutical Companies

- *Section One: Marketing and Sales Strategies*

- *First: Market and Competition Analysis*
- *Second: Product Development and Innovation*
- *Third: Pricing and Promotion Strategies*
- *Section Two: Operations and Production Strategies*
 - *First: Supply Chain and Inventory Management*
 - *Second: Quality and Regulatory Compliance*
 - *Third: Operational Efficiency and Cost Reduction*

Chapter Three: The Impact of Business Management Strategies on Market Capability

- *Section One: Factors Affecting Market Capability*
 - *First: Market Share and Growth*
 - *Second: Competitive Advantage and Differentiation*
 - *Third: Customer Loyalty and Reputation*
- *Section Two: Measuring and Evaluating Market Capability*
 - *First: Key Performance Indicators (KPIs)*
 - *Second: Competitive Analysis and Benchmarking*
 - *Third: Customer Surveys and Feedback*

Chapter Four: The Role of Human Resources in Achieving Competitive Advantage for Organizations

- *Section One: Introduction to Competitive Advantage*
 - *First: The Nature and Importance of Competitive Advantage*
 - *Second: Classification and Determinants of Competitive Advantages*
 - *Third: Types of Competitiveness*
 - *Fourth: Indicators for Measuring Competitiveness*
- *Section Two: The Impact of Human Resources on Competitive Advantage in Pharmaceutical Companies*
 - *First: The Role of Human Resources in Achieving Competitive Advantage*
 - *Second: Requirements for Achieving Competitiveness in Human Resources Management*
 - *Third: Improving Human Resources Productivity to Support Competitive Advantage*
 - *Fourth: The Role of Human Resources Management in Enhancing Organizational Productivity*

- *Fifth: The Impact of Human Resources Motivation on Achieving Competitive Advantage*
- *Section Three: Human Resources Management and Employee Performance*
 - *First: Concept, Goals, and Responsibility for Evaluating Employee Performance*
 - *Second: The Responsible Entity for Evaluating Employee Performance*

Conclusion.

conclusion, this study highlights the significant importance of business management strategies in enhancing the market capability of pharmaceutical companies. Through a comprehensive analysis of the impact of these strategies, the study has provided a clear perspective on how companies can achieve sustainable growth and competitiveness in both local and global markets.

The results demonstrated that product innovation, operational process improvement, the use of modern marketing strategies, and workforce skill development are all key factors significantly contributing to increasing the market share of pharmaceutical companies and enhancing their overall performance. The study also confirmed that adopting appropriate business management strategies not only improves internal efficiency but also enhances customer satisfaction and loyalty.

On the other hand, the study underscores the importance of adapting to local market conditions and requirements, as understanding the local environment can help companies tailor their strategies more effectively to achieve their market goals.

This study opens avenues for future research that could explore other aspects of the relationship between business management and the

pharmaceutical industry, such as the impact of global technological shifts on the strategies of local companies.

Based on these findings, pharmaceutical companies can benefit from the practical recommendations provided to develop their strategies, thereby enhancing their ability to face future challenges and achieve sustainable success in the market.

Ultimately, this study contributes to advancing scientific and practical understanding of the importance of business management strategies in the pharmaceutical industry, paving the way for improved healthcare and better meeting the needs of society.

Results:

- *Business management strategies positively impact the market capability of pharmaceutical companies.*
- *Product innovation contributes to increasing the market share of pharmaceutical companies.*
- *Improving operational processes enhances the competitiveness of pharmaceutical companies in the market.*
- *Utilizing modern marketing strategies increases the reach and market share of pharmaceutical companies' products.*

Recommendations:

- *Focus on innovation and developing new products that better meet customer needs.*
- *Expand into new geographic markets or new market segments.*
- *Explore opportunities for mergers and acquisitions to increase the product portfolio and market share.*
- *Enhance marketing and promotional efforts to reach new customer segments.*
- *Build a strong and distinctive brand associated with quality and trust.*
- *Invest in developing unique and innovative products not offered by competitors.*
- *Focus on specific market segments and design products specifically to meet their needs.*
- *Provide integrated solutions to customers that include the product and accompanying services.*
- *Build strong relationships with customers and focus on delivering a unique customer experience.*
- *Enhance loyalty programs and customer relationship management.*
- *Implement effective communications and marketing to engage customers.*

- *Monitor customer satisfaction levels and continuously track the company's reputation.*
- *Identify and regularly track relevant key performance indicators (KPIs).*
- *Conduct regular competitive analyses and benchmarking.*
- *Establish effective mechanisms for collecting customer feedback and taking corrective actions.*

The reviewer:

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