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Market Overview of Global Oncology Market

Introduction

The field of oncology continues to be at the forefront of biomedical innovation, with significant strides made in understanding cancer biology, developing novel therapies, and improving patient outcomes. As the global burden of cancer persists, the oncology landscape undergoes continuous evolution, driven by advancements in research, regulatory approvals, and market dynamics. This dissertation presents a comprehensive analysis of the oncology landscape, encompassing various dimensions such as global sales trends, top-performing drugs, regulatory approvals, mergers and acquisitions, recent drug approvals, ongoing clinical trials, breakthrough therapies, and future trends in cancer therapy.

By examining these dimensions, the study contributes to a deeper understanding of the evolving oncology landscape and its implications for patients, healthcare providers, researchers, and stakeholders.

Problem statement

The field of oncology is experiencing an unparalleled period of change due to incredible scientific progress, evolving regulatory frameworks, and increased merger and acquisition activity. A thorough analysis is essential to comprehend market trends, recognize major stakeholders, and forecast future developments.

Research Question

- What are the top-selling oncology drugs globally and analyze the contributing factors to their sales trends?

Objectives

- To assess the global market and trends for the top oncology drugs
- To study the main factors driving advancements in oncology drugs
- To explore the latest advancements in cancer treatment and diagnosis

Methodology

- Secondary research

1. Data Sources:

scientific databases like PubMed, ClinicalTrials.gov
Regulatory Agency Websites: US Food and Drug Administration (FDA), European Medicines Agency (EMA)
Pharmaceutical company's website: product pipelines, recent mergers and acquisitions, and clinical trial results.
News Articles and Industry Publications, journals, corporate annual reports, white paper

Inclusion criteria

- Studies focusing on oncology drugs, reports on market access, and analysis
- Studies published between 2015 and 2024
- Publications in English language

Exclusion criteria

- Articles that did not focus on market access and analysis for oncology
- Articles published in a language other than English
- Articles published before 2015

Data analysis plan

1)Market Analysis: Aggregate sales data from industry reports

2)Top-Performing Oncology Drugs: Compile a list of top-performing drugs based on sales data including leading pharmaceutical companies

3)Regulatory Approvals: Collect data on recent drug approvals from the FDA, EMA, and APAC regulatory bodies

4)Mergers and Acquisitions (M&A): Gather data on recent M&A activities from financial reports and news sources

5)Future trends: Identify breakthroughs in areas such as mRNA cancer vaccines and immuno-oncology

6)Data Sources: Market research reports from reputable companies like IQVIA and Evaluate Pharma, financial reports of major pharmaceutical companies, and reports from regulatory agencies like the FDA

7)Analysis Tools: Utilize charts, graphs, and tables to visually represent market trends and market share,

perform basic statistical analysis to identify significant trends and relationships within the data

Ethical consideration

- Data Accuracy and Source Credibility: Prioritizing data from reputable organizations like established market research firms, government agencies, and peer-reviewed publications
- Data transparency: Acknowledging the possibility of missing information or limitations due to data availability