

MEDICAL DEVICES: TECHNOLOGIES AND GLOBAL MARKETS



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Chapter 1

INTRODUCTION

MEDICAL DEVICES: TECHNOLOGIES AND GLOBAL MARKETS

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CHAPTER 1 INTRODUCTION

This report discusses the medical device technologies in terms of market share of major players, market growth and size, and opportunities for different devices and regions. The report includes forecasts for market trends and revenue through 2018. Major players, innovative products and technologies, trends and market dynamics, competitive intelligence, and geographic trends are well researched and analyzed in the report.

STUDY GOALS AND OBJECTIVES

The goals and objectives of the study include the following:

- Define and discuss the global medical device technologies market.
- Analyze market structure, including segments and subsegments.
- Estimate market revenues of the global medical device technologies industry by segment, geography and products.
- Identify market trends, issues and factors impacting medical device technologies.
- Study various submarkets with respect to growth drivers and inhibitors of the medical device technologies market.
- Explain opportunities in the medical device technologies market with respect to geography and products.
- Profile major players and analyze their market share, core competencies and strategies in the medical device technologies market.
- Track alliances, joint ventures, mergers and acquisitions, new product developments and research and development in the global medical device technologies market.

MARKET DESCRIPTION

A medical device is an instrument, apparatus, implant, *in vitro* reagent or similar device used to diagnose, prevent or treat disease or other conditions. There are several medical device technologies that enhance the functions of medical devices, including highly sophisticated scanners and technologically complicated implantable products such as the artificial cochlear devices as well as the most basic laboratory equipment.

According to estimates, there are over 500,000 medical technologies currently available in about 20,000 generic groups. According to World Health Organization (WHO), there are an estimated 1.5 million different medical devices, in over more than 10 000 types of generic device groups available worldwide. The Global Medical Devices Nomenclature (GMDN) Agency has put classified these into 16 categories of products. The primary aim of any medical technology is to improve medical care, making it easier to improve the overall health of users or patients. With life spans having increased over the last few decades, the importance of better care and improved quality of life has become paramount.

SCOPE OF THE REPORT

This research report incorporates an in-depth analysis of the medical device technologies market, including market estimations and trends through 2018. Major players, competitive intelligence, innovative technologies, market dynamics and geographic opportunities are discussed in detail in the report. The report also examines recent developments and product portfolios of the major players along with their market shares. Patent analysis in the report focuses on technological trends in recent years in geographies such as the U.S., Europe and Japan. The report presents a market analysis and estimates the compound annual growth rate (CAGR) for medical device technologies.

The scope of the report extends to only those medical device technologies that generate the most revenue globally. However, we have excluded dental device technologies as some imaging devices used in dentistry overlap with other devices already covered under the imaging device technologies segments.

INTENDED AUDIENCE

Individuals and groups who would benefit from the content of this report include:

- Medical device manufacturers and new entrants.
- Equipment distributors, hospitals and other healthcare service providers.
- Various life sciences companies.
- Research institutes, associations and academicians.

RESEARCH METHODOLOGY

A top-down approach was taken to estimate the market size of medical devices technologies. Revenues from the medical device technologies market were determined through primary and secondary research, including a study of the annual reports of listed market players. Secondary research was carried out with a general search of keywords through paid sources such as Factiva and One Source, and other publicly available websites, including company websites. Estimation of micro-markets was done through primary and secondary sources and validated through primary sources. Forecasts were based on the analysis of market trends, market dynamics and strategies of key players. Geographic estimates were arrived at by using secondary sources verified through primary sources

ANALYST'S CREDENTIALS

Vijay Laxmi has more than 20 years of experience in the healthcare domain. In addition to business research and consulting, she has conducted corporate briefings for top players in a wide range of market segments. She has worked with major market research firms and handled projects for various consultancies. Some of her market research studies include report on:

- Various medical device markets.
- High-growth and niche markets in healthcare and life sciences.
- Home healthcare market.
- Medical tourism.

RELATED BCC RESEARCH REPORTS

- HLC026D *The Global Market for Pain Management Drugs and Devices*
- HLC038D *Patient Monitoring Devices: Global Markets*
- HLC041B *Cardiovascular Medicine: Diagnostics, Drugs and Devices*
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