

## **Medical Devices: Technologies and Global Markets**

Market Research Report | 2024-10-07 | 179 pages | BCC Research

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### **Report description:**

#### Description

#### Report Scope

This report provides an in-depth analysis of the market for medical device technology, including market estimations and trends through 2029. Major players, competitive intelligence, innovative technologies, market dynamics, and regional opportunities are discussed in detail. The report examines recent developments and product portfolios of major players. The report covers drivers, restraints, opportunities, emerging technologies, and a regulatory scenario assessment. The report includes market projections for 2029 and market shares for key players.

The report's scope extends to only those medical device technologies that generate the most global revenue. Dental device technologies and some imaging devices used in dentistry overlap with other devices that are already covered under the imaging device technologies segments, so these have been excluded.

Based on device type, the market is segmented into drug delivery devices, in vitro diagnostics (IVD), urology and renal, orthopedics and spine, imaging devices, cardiovascular devices, and endoscopy. The imaging devices are categorized into X-ray systems, ultrasound systems, computed tomography, magnetic resonance imaging, clinical/point of care, interventional radiology, nuclear medicine/positron emission tomography, and laser imaging. Based on type of in vitro device, the market is segmented into immunochemistry, clinical chemistry, molecular diagnostics, point-of-care tests, and hematology. Based on type of cardiovascular device, the market is segmented into defibrillators, pacemakers, ventricular-assist devices, loop recorders, and others. Based on type of end user, the market is segmented into hospitals and clinics, home healthcare, ambulatory surgical centers, and diagnostic centers.

The market is segmented by geographical region into North America, Europe, Asia-Pacific, and the Rest of the World (RoW). Also included in the geographic breakdown are detailed analyses of major countries such as the U.S., Germany, the U.K., Italy, France, Spain, Japan, China, India, Brazil, Mexico, and Gulf Cooperation Council (GCC) countries. For market estimates, data is provided for 2023 as the base year, with estimates for 2024 and a forecast value for 2029.

Report Includes

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- 58 data tables and 58 additional tables
- An analysis of the current and future global markets and technologies for medical devices
- Analyses of global market trends, with market revenue data (sales figures) for 2021-2023, estimates for 2024, and projected CAGRs through 2029
- Estimates of the market size and revenue forecasts for the global medical device market, with market share analysis by device types and subtypes, end-user, and region
- Discussion of the market dynamics, opportunities, and challenges, as well as emerging technologies
- Discussion of key regulations of the industry and coverage of advancements and recent innovations in the medical device industry
- Overview of sustainability trends and ESG developments in the industry, with emphasis on the ESG practices of leading companies, their ESG rankings, and consumer attitudes
- Competitive intelligence, including companies' market shares, recent M&A activity, and venture funding.
- Profiles of the leading companies, including Abbott, BD, Danaher Corp., Medtronic and F. Hoffmann-La Roche Ltd.

## Executive Summary

### Summary:

The global market for medical devices was valued at \$739.6 billion in 2023. The drug delivery devices segment recorded a value of \$172.4 billion in 2023, and this segment is projected to grow at a CAGR of 8.1% during the forecast period. The market share of 23.3% in 2023 and the median growth rate of this segment are attributed to factors such as therapeutic efficacy, reduced toxicity, increased patient compliance, and enabling entirely new medical treatments. Growth in imaging devices is attributed to the development of diagnostic procedures used in clinics and the rise in demand for the detection of blood, whether infected or having other disorders.

### Table of Contents:

#### Table of Contents

#### Chapter 1 Executive Summary

#### Market Outlook

#### Scope of Report

#### Market Summary

#### Chapter 2 Market and Technology Background

#### Innovation

#### Overview

#### Types

#### Current Trends

#### Enhanced Cybersecurity

#### Wearable Fitness Technology

#### Internet of Medical Things

#### Healthcare and Robotics

#### 3D Printing

#### Device Connectivity

#### Regulations

#### Delay in Legacy of Medical Device Compliance: Europe

#### U.S. FDA Implements Electronic Submission Templates

#### Revision of Brazil's ANVISA

#### Mexico COFEPRIS Releases Edition 5.0

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Developments in Thailand and Israel  
Regulation of Medical Devices in India  
Regulation of Medical Devices in China  
PESTLE Analysis  
Chapter 3 Market Dynamics  
Overview  
Market Drivers  
Rise in the Aging Population and Diagnosis Procedures  
Increasing Use of Artificial Intelligence in Medical Devices  
Rising Incidence of Chronic Disease  
Need for Improving Public Health  
Improving Disease Diagnosis  
Increased Patient Education  
Market Restraints  
Cybersecurity Risks in Healthcare  
Failure in Medical Device Designs  
Supply Chain Issues and Quality Concerns  
Market Opportunities  
Healthcare Delivery with Mobile Medical Imaging  
Expanding Use of Point-of-Care Ultrasound (POCUS)  
Technological Developments in Medical Devices  
Chapter 4 Emerging Technologies and Developments  
Major Medical Device and Technology Advances in 2024  
Adaptive Hearing Aids  
Bioprinting  
Glucose Monitoring Wearables  
Brain-Machine Interfaces  
Major Medical Device and Technology Advances in 2023  
Medical Diagnosis Software  
Automated Medical Coding  
Artificial Intelligence in Radiology  
Surgical Robots  
Trends in Medical Device Technology  
Chapter 5 Market Segmentation Analysis  
Segmentation Breakdown  
Market Analysis by Device Type  
Drug Delivery Devices  
In Vitro Diagnostics  
Urology and Renal  
Orthopedics and Spine  
Imaging Devices  
Cardiovascular Devices  
Endoscopy  
Market Analysis by End User  
Hospitals and Clinics  
Home Healthcare  
Ambulatory Surgical Centers

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Diagnostic Centers  
Other End Users  
Geographical Breakdown  
Market Analysis by Region  
North America  
Europe  
Asia-Pacific  
Rest of the World  
Chapter 6 Competitive Intelligence  
Introduction  
Global Analysis of Company Market Rank  
Agreements, Collaborations and Partnerships  
Siemens Healthineers and Sysmex Enter into a Global Agreement  
Roche Enters Agreement with PathAI  
Quidel Corp. Signs Agreement to Acquire Ortho Clinical Diagnostics  
GE HealthCare Collaborates with Boston Scientific  
Medtronic Collaborates with Nvidia Corp.  
2023 Device Approvals  
Start-ups in Medical Devices  
Chapter 7 Sustainability  
Importance of ESG in Medical Devices Manufacturing Industry  
ESG Practices in the Medical Device Industry  
Environmental Performance  
Social Performance  
Governance Performance  
ESG Risk Rankings  
BCC Research Viewpoint  
Chapter 8 Appendix  
Research Methodology  
References  
Company Profiles  
3M  
ABBOTT  
BD  
BAYER AG  
BAXTER  
BOSTON SCIENTIFIC CORP.  
DANAHER CORP.  
F. HOFFMANN-LA ROCHE LTD.  
GE HEALTHCARE  
JOHNSON & JOHNSON SERVICES INC.  
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