

Latest Innovations in Medical Device Technologies

<https://marketpublishers.com/r/L041BCE4866EN.html>

Date: August 2019

Pages: 325

Price: US\$ 2,750.00 (Single User License)

ID: L041BCE4866EN

Abstracts

REPORT SCOPE:

The key objectives of this study are to -

Review the medical device innovation process. This includes -

The generation of new ideas.

Advocacy and idea screening.

Experimentation and trial process.

Commercialization.

Diffusion and implementation of innovation.

Review medical device innovations by clinical specialty.

Review major new medical device technological advances, developments and innovations. This includes:

Surgical robotic systems.

Mobility and cloud access.

Nuclear medicine imaging devices.

4k ultra-high definition medical imaging technologies.

Telemedicine.

Augmented, virtual and mixed reality devices.

3D printing technologies.

The advent of artificial intelligence (AI) in healthcare.

Wearable medical device technologies and the Internet of Things (IoT).

Radio frequency wireless technologies.

Bio-printing (artificial organs).

Clustered regularly interspaced short palindromic repeats (CRISPR).

Bluetooth-enabled medical devices.

Examine the commercial implications of the market introduction of new medical devices. This includes undertaking the following -

Review the range of joint ventures, collaborations, licenses and research agreements currently focused on new medical device technologies.

Review of the regulatory requirements, intellectual property protection, patents and trademark process.

Review the impact that the new and improved technologies will have on the market dynamics by geographic region.

Survey the key players involved in the development of new and innovative medical device technologies together with major improvements to existing technologies and provide company profiles.

By purchasing this study, the reader will gain -

An improved understanding of the current state and future of new and emerging innovative medical device technologies.

The latest information on the leading companies engaged in developing new and improving existing medical device technologies, a review of the status of their intellectual property and product pipelines, and insight into their proprietary technologies.

An understanding of the impact that these new products and technologies will have on the growth and development of the medical market.

An appreciation of how these new medical devices will affect the provision of healthcare, how they will provide clinicians with new methods to treat existing conditions and how these technologies will improve clinical outcomes for patients.

An awareness of the implication that these new medical device technologies will have on the regulatory and legislative approval process. This will be essential for maintaining compliance in the changing regulatory environment, as well as for promoting commercial competitiveness and facilitating early access to innovative medical device technologies.

A knowledge of intellectual property protection through patents and trademarks.

An appreciation of the barriers to innovation in the field of medical devices and how to overcome them.

The analysis includes the use of charts and graphs measuring product growth and trends within the marketplace. Company-specific information, including sales figures, product pipeline status and R&D trends, is provided throughout the report.

REPORT INCLUDES:

51 data tables and 44 additional tables

An overview of latest innovations in medical device technologies within the healthcare industry

Analyses of the global market trends with data from 2017 to 2018, and projections of compound annual growth rates (CAGRs) through 2023

Review of emerging medical device innovations by clinical specialty such as trauma and orthopedics

Insight into the government regulations, pricing structure, performance monitoring, and pricing pressure (healthcare initiatives) in the U.S. and Europe

Discussion of the importance of medical device regulation and regulatory bodies, protection of intellectual property rights, and barriers to medical device innovation

Profiles of major companies of the industry, including Abbott Laboratories, Boston Scientific Corp., General Electric Co., Johnson & Johnson and Paradromics Inc.

Contents

CHAPTER 1 INTRODUCTION

Scope of the Report
Methodology and Information Sources
Primary Data and Information Gathering
Secondary Data and Information Gathering
Market Revenue Forecasts
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Global Medical Device Market

CHAPTER 3 INTRODUCTION TO MEDICAL DEVICE PRODUCTS AND PRODUCT INNOVATION

Background and Definitions: Medical Devices
Uses of Various Devices
Evolution
Types
Background and Definitions: Innovation in Medical Devices
Stakeholders Involved in the Innovative Process
The Medical Device Industry
Patent Applications Filed in the Medical Device Technology Industry
The Cost of Medical Device Innovation
Current Trends in the Medical Device Technology Industry
Notable Trends in the Medical Device Technology Industry
Importance of Innovation in the Medical Device Industry
Challenges Facing the Sector
Public Health Systems
Balancing Patient Needs and Financial Sustainability
Competitiveness and Innovation
Market Dynamics
Drivers
Restraints

Opportunities
Strategies
Distribution Network
Asia-Pacific
United States
Europe
India
China
Others
Trends
China
Europe
New Products and Technologies
New Materials
Refurbished and Replacement Market
Mergers and Acquisitions
Recommendations

CHAPTER 4 THE GLOBAL MEDICAL DEVICE MARKET

Introduction
Global Medical Device Market
Regional Overview
North American Medical Device Market
European Medical Device Market
Asia-Pacific Medical Device Market
Latin American Medical Device Market
Middle East/African Medical Device Market

CHAPTER 5 MEDICAL DEVICE REGULATION, LEGISLATION AND REGULATORY BODIES

North America
United States
Canada
Europe
(General) Medical Device Directive, MDD (93/42/EEC)
Active Implantable Medical Device Directive, AIMDD (90/383/EEC)
In Vitro Diagnostic Medical Device Directive, IVDMD (98/79/EC)

New Medical Devices Regulation (EU) 2017/745 (MDR) and the In Vitro Diagnostic
Medical Devices Regulation (EU) 2017/746 (IVDR)

The Procurement of MDs and IVDs

Notified Bodies

How the European Commission Promotes Innovation

Regulatory Structure for Medical Device Approval in Germany

Regulatory Structure for Medical Device Approval in France

Regulatory Structure for Medical Device Approval in Italy

Asia-Pacific

Japan

China

India

South Korea

Latin America

Brazil

Argentina

Mexico

CHAPTER 6 THE MEDICAL DEVICE INNOVATION PROCESS

Generation of New Ideas

Clinical Evaluation and Planning

Development of Product Prototypes and Prototype Testing

Business Planning

Diffusion and Implementation of Innovation

Protection of Intellectual Property and Patents

Patentability of Medical Devices

Concerns, Issues and Considerations

Who Conducts the R&D for New Medical Device Products?

Financing of Medical Device Innovations

The Role of Liability

Reimbursement of New Medical Devices

CHAPTER 7 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: ANESTHESIOLOGY

Global Market for Anesthesiology Medical Device Technologies

Trends in Anesthesiology

Applications of Artificial Intelligence for Anesthesia

Cardiac Output Monitoring in Anesthesiology
Ultrasound-Guided Regional Anesthesia (USRA)
Developments and Advances in Airway Management: Video Laryngoscopes
Technological Advances in Wireless and Non-Invasive Peri-Operative Monitoring
Advances in Awareness Monitoring Technologies
Future Innovations and Predicted Developments in Anesthesia

CHAPTER 8 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: CARDIOVASCULAR MEDICINE

Global Market for Cardiovascular Medical Device Technologies
Trends in Cardiovascular Medicine
Artificial Intelligence (AI) in Cardiovascular Medicine
Latest Advances in Transcatheter Aortic Valve Replacement (TAVR) and Transcatheter Mitral Valve Replacement (TMVR)
Transcatheter Aortic Valve Replacement (TAVR)
Transcatheter Mitral Valve Replacement (TMVR)
Arrival of Point-of-Care Troponin Testing
Technological Advances in Wearable and Implantable Cardiovascular Devices
Implantable Cardioverter Defibrillator (ICD) Technologies
Smartphone Apps and Wearable Devices
Additional Future Technological Developments for Cardiovascular Devices
Expanding Catheter-Based Interventions for All Areas of the Body
Identification and Localization of Calcified Plaque

CHAPTER 9 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: CLINICAL CHEMISTRY AND CLINICAL TOXICOLOGY

Global Market for Clinical Chemistry and Clinical Toxicology Device Technologies
Trends in Clinical Chemistry and Clinical Toxicology
Automation
Trends in Clinical Laboratory Automation
Advances in Clinical Laboratory Automation
Automated Specimen Separation
Specimen Transportation
Preanalytical Automation
Sample Labeling
Microbiology
AI and Interpretive Algorithms

Cell-Based Assays
Biobanking
Home-Based Monitoring
Information Technology

CHAPTER 10 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: DENTAL

Global Market for Dental Medical Device Technologies
General Trends in Dental Treatment and Management
The Emergence of Consumerism in Dentistry
Increased Regulatory Involvement in Dental Laboratories by the U.S. FDA
Hygienists Viewed as Physician Assistants
Corporate Dental Facilities
Holistic and Comprehensive Healthcare
Latest Technological Advances in Dental Implants
Dental Implants Designed to Overcome Bacterial Infection and Bone Loss
Recent Advancements in Regenerative Dentistry
Technological Innovations to Improve Implant Success and Longevity
3D Printing Versus CAD/CAM Dental Milling
New Dental Implant Launches
New Technologies in Dental Cement
Latest Technological Advances in Dental Equipment
Dental Radiology Equipment
Dental Lasers
Digital X-rays and Orthopantomogram (OPG)
The Future for Dental Technologies

CHAPTER 11 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: EAR, NOSE AND THROAT

Global Market for Ear, Nose and Throat Medical Device Technologies
Latest Technological Advances in Otolaryngology Implants
Cochlear Implants
Medicated, Dissolvable Sinus Stents
Revolutionizing Grommet Insertion
Latest Technological Advances in Otolaryngology Equipment
ENT Navigation
Latest Technologies Advances in Hearing Aids

Advances in Circuitry, Algorithms and Directional Microphones
Wireless Technology
Cryotherapy for Chronic Rhinitis

CHAPTER 12 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: GASTROENTEROLOGY AND UROLOGY

Global Market for Gastroenterology and Urology Medical Device Technologies
Latest Innovations and Technological Advances in Urology Surgery
Technological Advances in Urological Imaging and Diagnostics
Technological Advances in Urological Surgical Devices and Techniques
Latest Innovations and Technological Advances in Gastroenterology Surgery
Technological Advances in Gastroenterological Imaging and Diagnostics
Innovative Product Developments in Gastroenterological Surgical Devices and
Techniques

CHAPTER 13 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: NEUROLOGY

Global Market for Neurology Medical Device Technologies
General Trends in Neurological Disease Treatment and Management
Latest Innovations and Technological Advances by Neurological Condition
Alzheimer's Disease (AD)
Parkinson's Disease (PD)
Epilepsy
Stroke
Cerebral Aneurysm
Technological Advances in Neurosurgery
Stereotactic Radiation Therapy
Cluster Headaches and Migraines

CHAPTER 14 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: OBSTETRICS AND GYNECOLOGY

Global Market for Obstetric and Gynecological Medical Device Technologies
Robotics in Gynecology
Major Technological Advances in Obstetric and Gynecological Ultrasound
Developments and Product Innovations in Breast Imaging
iCAD Introduces ProFound AI for 2D Mammography in Europe

Tomosynthesis Improves Breast Cancer Detection
Three Palm Software Releases WorkstationOne Version 1.8.8
Novel Artificial Intelligence Method Predicts Future Risk of Breast Cancer
The Future of Obstetric and Gynecological Imaging: AI, Cloud and Beyond

CHAPTER 15 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: OPHTHALMIC

Global Market for Ophthalmic Medical Device Technologies
General Trends in Ophthalmic Disease Treatment and Management
Advances in Ophthalmic Optical Coherence Tomography (OCT)
Current SS-OCT Devices
Latest Market Introduction of OCT Systems
Developments in Intraocular Lens Technologies
Current Advanced IOLs Technologies
Product Pipeline for New IOL Technologies
Technological Advances and Development in Glaucoma Surgery
Micro-Invasive Glaucoma Surgery (MIGS)
AI Applications in Ophthalmology
AI and Deep Learning (DL) in Ophthalmology
AI and Robotic Surgical Devices in Ophthalmology
3D Printing: Printing the Ophthalmic Future
3D Printing for Eyewear and Ophthalmic Medical Devices
3D Printing Technology in Ophthalmic Surgical Planning
3D Printing Technology and Customized Implants
Promising Ophthalmic Start-ups and New Technologies
Possible Future Developments in Technologies Applicable to Ophthalmics
Adaptive Optics Detect Early Diabetes Eye Damage
Augmented Reality and Ophthalmics

CHAPTER 16 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: ORTHOPEDICS

Global Market for Orthopedic Medical Device Technologies
Market Factors Affecting and Influencing the Growth and Development of the Orthopedic Device Market
Market Drivers
Market Restraints
Latest Advances in Knee Replacement Technologies

The Journey II XR Total Knee Arthroplasty (Smith & Nephew)
Latest Advances in Hip Replacement Technologies
New and Innovative Hip Replacement Technologies
New and Innovative Hip Resurfacing Technologies
Orthobiologic Technologies Accelerate the Healing Process
Advances and Developments in Robotic Orthopedic Surgery
The MAKOplasty (Robotic Assisted Surgery) (Stryker Corp.)
Mazor's Robotic-Assisted Surgery Systems (Medtronic)
The Orthotaxy Surgical Robot (Johnson & Johnson's DePuy Synthes)
The ROSA Robotically- Assisted Total Knee Replacement System (Zimmer Biomet: Rosa)
The NAVIO Surgical System (Smith & Nephew)
The ExcelsiusGPS Robotic Navigation System: Globus Medical
The NuVaSive's Pulse Integrated Navigation Platform (Smith & Nephew)
Technological Advances and New Product Innovations in Spinal Surgery
Computer-Assisted Spinal Navigation Technologies
Artificial Cervical Discs
Pedicular Screw Systems
3D Printing's Future in Orthopedics
Augmented Reality (AR) and Orthopedics
Developments and New Technologies in Fracture Management

CHAPTER 17 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: RADIOLOGY

Global Market for Radiology Medical Device Technologies
General Trends in Medical Imaging Technologies
Accelerating Processing Speed
Expanding the Parameters of 3D and 4D
Capturing Images at the Right Place at the Right Time
Automating Workflow
Artificial Intelligence in Medical Imaging
Augmented Reality, Virtual Reality and 3D Imaging
VR and AR Applications
Recently Approved Products
Current Development Projects
Mobile Technologies and the Internet of Things (IoT)
Mobile Technology: A New Era of Telehealth
Internet of Things (IoT)

Latest Technological Developments in Computed Tomography
Latest CT Product Introductions
Latest Technological Innovations in Magnetic Resonance Imaging
Intraoperative CT/MRI
Latest MRI Product Introductions
Developments and Advances in Ultrasound Imaging

CHAPTER 18 REVIEW OF NEW AND EMERGING MEDICAL DEVICE INNOVATIONS: OTHER SEGMENTS

Global Market for Other Medical Device Technologies
New Technologies for Plastic Surgery
Development of New Alloplastic Materials
Negative Pressure Systems
Developments in General and Personal Device Technologies
Brain-Machine Interfaces Technologies
New Pulse Oximetry Devices
Smart Glasses for the Visually Impaired
Advances in Hematology and Pathology Device Technologies
Nucleic Acid Analysis for Liquid Biopsies of Liquid Tumors
Virtual Biopsy for Skin Lesions Using Vibrational Optical Coherence Tomography
Ultra-Thin Probe Assesses Tissues Deep Within Lungs
Developments in Immunology and Microbiology Device Technologies
Automation in the Clinical Microbiology Laboratory
Advances in Physical Medicine Device Technologies
Developments in Traumatic Brain Injury (TBI) Technologies
Rehabilitation

CHAPTER 19 COMPANY PROFILES

Introduction
Tier 1: Major Multinational Medical Device Corporations
ABBOTT LABORATORIES
BECTON, DICKINSON AND CO.
BECKMAN COULTER (PART OF DANAHER)
BOSTON SCIENTIFIC CORP.
B. BRAUN MELSUNGEN AG
EDWARDS LIFESCIENCES
GENERAL ELECTRIC CO.

INTUITIVE SURGICAL INC.
JOHNSON & JOHNSON
MEDTRONIC INC.
OLYMPUS CORP.
PHILIPS HEALTHCARE
ROCHE (FORMERLY HOFFMANN-LA ROCHE LTD.)
SIEMENS AG
STRYKER CORP.
TELEFLEX
TERUMO CORP.
THERMO FISHER SCIENTIFIC
TOSHIBA MEDICAL SYSTEMS CORP. (CANON MEDICAL SYSTEMS)
ZIMMER BIOMET
Tier 2: Entrepreneurial Small and Medium Sized Enterprises (SMEs)
ABIOMED INC.
AUTONOMIC TECHNOLOGIES INC.
AXONICS MODULATION TECHNOLOGIES
BIODAN GROUP
BIOSENSE WEBSTER (JOHNSON & JOHNSON)
BRAINSCOPE CO. INC.
CMR SURGICAL LTD. (FORMERLY CAMBRIDGE MEDICAL ROBOTICS)
CLICK DIAGNOSTICS INC.
DAY ZERO DIAGNOSTICS
FARAPULSE INC (FORMERLY IOWA APPROACH)
GECKO BIOMEDICAL SAS
IMPULSE DYNAMICS (USA) INC.
INSIGHTEC LTD.
IRRAS
KONING CORP.
MEDINEERING GMBH
METAVENTION
NEURAL ANALYTICS
OSSDSIGN AB
OWLSTONE MEDICAL
PARADROMICS
PIXIUM VISION S.A.
OXULAR LTD. (FORMERLY PRECISION OCULAR LTD.)
PORTAL INSTRUMENTS INC.
PRELLIS BIOLOGICS

Q3 MEDICAL DEVICES LTD.
TAL MEDICAL
TRANSENERIX INC.

CHAPTER 20 APPENDIX A

Company Addresses and Contact Details: Tier
Major Multinational Medical Device Corporations

CHAPTER 21 APPENDIX B

Company Addresses and Contact Details: Tier
Entrepreneurial Small and Medium-Sized Enterprises (SMEs)

CHAPTER 22 APPENDIX C

Government Regulatory Agencies, Professional Organizations and Regulatory
Acronyms

CHAPTER 23 APPENDIX D

Commonly Used Acronyms Associated with Medical Device Innovation

List Of Tables

LIST OF TABLES

- Summary Table: Global Medical Device Market, by Segment, Through 2023
- Table 1: Medical Devices Cleared or Approved by the FDA, as of June 2019
- Table 2: Medical Devices Cleared or Approved by the FDA, 2018
- Table 3: Medical Devices Codes, Categories and Examples
- Table 4: European Patent Applications Filed with the EPO, by Technology Type, 2018
- Table 5: Leading Companies in Patent Application Filings on Medical Device Innovations, 2018
- Table 6: Leading Countries in Medical Technology Patents Filed with the EPO, 2018
- Table 7: R&D Expenditures of Top 20 Medical Device Tech Companies and Their Annual Growth, Through 2018
- Table 8: FDA Classification of 16 Medical Specialties (Panels)
- Table 9: Global Medical Device Market, Through 2023
- Table 10: Global Medical Device Market, by Segment, Through 2023
- Table 11: Global Medical Device Market Shares, by Segment, 2018
- Table 12: Global Medical Device Market Shares, by Region, 2018
- Table 13: Global Medical Device Market, by Region, Through 2023
- Table 14: North American Medical Device Market, by Segment, Through 2023
- Table 15: European Medical Device Market, by Segment, Through 2023
- Table 16: Asia-Pacific Medical Device Market, by Segment, Through 2023
- Table 17: Latin American Medical Device Market, by Segment, Through 2023
- Table 18: Middle Eastern and African Medical Device Market, by Segment, Through 2023
- Table 19: Comparison of Pharmaceutical Affair Law and Japanese Medical Device Nomenclature and Related Codes with the EU MDD
- Table 20: Number of Healthcare Institutions According to Ownership in China, 2010
- Table 21: Total Number of Hospitals in China, by Ranking, 2010
- Table 22: Overview of Healthcare in India
- Table 23: Global Anesthesiology Device Technologies Market, by Device Category, Through 2023
- Table 24: Advantages and Disadvantages of Methods of Cardiac Output Monitoring
- Table 25: Summary of Key Features of Selected Video Laryngoscopes
- Table 26: Global Cardiovascular Device Technologies Market, by Device Category, Through 2023
- Table 27: Contemporary Cardiac Troponin I and T Assay Analytical Characteristics as Designated by the Manufacturer

Table 28: High Sensitivity* Cardiac Troponin I and T Assay Analytical Characteristics Designated by Manufacturer

Table 29: Point-of-Care Cardiac Troponin I and T Assay Analytical Characteristics Designated by Manufacturer

Table 30: Global Clinical Chemistry and Clinical Toxicology Device Technologies Market, by Type, Through 2023

Table 31: Characteristics of Total Laboratory Automation Systems for Clinical Microbiology Laboratories

Table 32: Global Dental Device Technologies Market, by Type, Through 2023

Table 33: Global Ear, Nose and Throat Medical Device Technologies Market, by Type, Through 2023

Table 34: Cochlear Implant Comparison Chart

Table 35: Global Gastroenterology and Urology Device Technology Market, by Type, Through 2023

Table 36: Global Neurological Device Technology Market, by Type, Through 2023

Table 37: Devices Currently Marketed for Stereotactic Body Radiation Therapy (SBRT)

Table 38: Global Obstetric and Gynecological Device Technology Market, by Type, Through 2023

Table 39: Global Ophthalmic Device Technology Market, by Type, Through 2023

Table 40: Global Orthopedic Medical Device Technologies Market, by Type, Through 2023

Table 41: Global Radiology Device Technology Market, by Type, Through 2023

Table 42: Artificial Intelligence Systems Used in Medical Imaging

Table 43: Computed Tomography Systems Used in Medical Imaging

Table 44: MRI Wide Bore Systems for Medical Imaging Technologies

Table 45: Ultrasound Systems Used in Medical Imaging Technologies

Table 46: Global General and Plastic Surgery Device Technology Market, by Segment, Through 2023

Table 47: Global General and Personal Device Technology Market, Through 2023

Table 48: Global Hematology and Pathology Device Technology Market, by Type, Through 2023

Table 49: Global Immunology and Microbiology Device Technology Market, by Type, Through 2023

Table 50: Global Medical Device Technology Market for Physical Medicine, by Type, Through 2023

Table 51: Leading Medical Device Companies by R&D Expenditures and Annual Growth, Through 2018

Table 52: Abbott Laboratories: Revenues, 2016-2018

Table 53: Becton Dickinson: Revenue, by Business Segment, 2016-2018

- Table 54: Becton Dickinson: Recent Developments, December 2017 to May 2019
- Table 55: Danaher Corp.: Revenue, by Business Segment, 2016-2018
- Table 56: Boston Scientific Corp.: Revenues, by Product Segment, 2016-2018
- Table 57: Boston Scientific Corp.: Recent Developments, August 2018 to May 2019
- Table 58: B. Braun Melsungen AG: Revenues, by Product Segment, 2016-2018
- Table 59: Edwards Lifescience: Revenues, by Product Segment, 2016-2018
- Table 60: Edwards Lifescience Recent Developments, December 2017 to May 2019
- Table 61: General Electric Co.: Revenues, by Industrial Segment, 2016-2018
- Table 62: General Electric Co.: Revenues, by Industrial Segment, 2016-2018
- Table 63: Intuitive Surgical Inc.: Revenues, by Product Segment, 2016-2018
- Table 64: Intuitive Surgical Inc.: Recent Developments, April 2017 to May 2019
- Table 65: Johnson & Johnson: Revenues, by Product Segment, 2016-2018
- Table 66: Johnson & Johnson: Recent Developments, February 2018 to May 2019
- Table 67: Medtronic Inc.: Revenues, by Product Segment, 2016-2018
- Table 68: Medtronic Inc.: Recent Developments, June 2014 to May 2019
- Table 69: Olympus Corp.: Revenues, by Product Segment, 2016-2018
- Table 70: Olympus Corp.: Medical Segment Revenues, by Product Segment, 2016-2018
- Table 71: Olympus Corp.: Recent Developments, September 2017 to September 2018
- Table 72: Philips Healthcare: Revenues, by Product Segment, 2016-2018
- Table 73: Philips Healthcare Recent Developments, June 2014-May 2019
- Table 74: Roche Group: Revenues, by Segment, 2016-2018
- Table 75: Roche Group: Revenues, by Diagnostic Segment, 2016-2018
- Table 76: Roche Group: Product Development Portfolio
- Table 77: Siemens AG: Cardiovascular Assay Menu
- Table 78: Stryker Corp.: Revenues, by Product Segment, 2016-2018
- Table 79: Stryker Corp.: Product Portfolio
- Table 80: Stryker Corp.: Recent Developments, May 2017 to May 2019
- Table 81: Teleflex: Product Portfolio
- Table 82: Teleflex: Recent Developments, January 2016 to June 2019
- Table 83: Terumo Corp.: Revenues, by Product Segment, 2016 to March 31, 2018
- Table 84: Thermo Fisher Scientific: Product Portfolio
- Table 85: Thermo Fisher Scientific: Recent Developments, May 2017 to June 2019
- Table 86: Toshiba Medical Systems Corp.: Product Portfolio
- Table 87: Toshiba Medical Systems Corp.: Recent Developments, November 2016 to May 2019
- Table 88: Zimmer Biomet: Revenues, by Product Segment, 2016-2018
- Table 89: Zimmer: Product Portfolio
- Table 90: Zimmer: Recent Developments, June 2015-May 2019

Table 91: Company Addresses and Contact Details

Table 92: Company Addresses and Contact Details

Table 93: Government Regulatory Agencies, Professional Organizations and
Regulatory Acronyms

Table 94: Commonly Used Acronyms Associated with Medical Device Innovation

List Of Figures

LIST OF FIGURES

- Summary Figure: Global Medical Device Market Shares, by Segment, 2018
- Figure 1: Stakeholders Involved in the Innovation Process
- Figure 2: Total Number of European Patent Applications Filed with the EPO, by Country, 2018
- Figure 3: Total Number of European Patent Applications Filed with the EPO, by Country, 2018
- Figure 4: Global Elderly Population Aged 60 Years and Above, by Region, 2015-2050
- Figure 5: Global Projected Growth Rate of Diabetes Incidences in Patients Aged 20–79 Years, 2010 and 2030
- Figure 6: United States M&A in Medical Devices Industry: Deal Value and Volume Trend, Q1-4 2018-Q1 2019
- Figure 7: Global Medical Device Market Shares, Segment, 2018
- Figure 8: Global Medical Device Market Shares, by Region, 2018
- Figure 9: North American Medical Device Market, by Segment, 2018
- Figure 10: European Medical Device Market, by Segment, 2018
- Figure 11: Asia-Pacific Medical Device Market, by Segment, 2018
- Figure 12: Latin American Medical Device Market, by Segment, 2018
- Figure 13: Middle Eastern and African Medical Device Market, by Segment, 2018
- Figure 14: French Pricing and Reimbursement Process for Medical Devices
- Figure 15: Overview of the Italian Healthcare System
- Figure 16: Market Access Pathway for Inpatient Medical Devices in Italy
- Figure 17: Market Access Pathway for Outpatient Medical Devices in Italy
- Figure 18: The Chinese Healthcare System
- Figure 19: The Medical Device Innovation Cycle
- Figure 20: Artificial Intelligence in Precision Cardiovascular Medicine
- Figure 21: Schematic for Wireless Body Sensor Networks (WBSNs)

I would like to order

Product name: Latest Innovations in Medical Device Technologies

Product link: <https://marketpublishers.com/r/L041BCE4866EN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L041BCE4866EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970