

Technology Landscape, Trends and Opportunities in the Global Implantable Device Market

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Abstracts

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The material technologies in implantable device has undergone significant change in recent years, with metal to ceramic based implantable device. The rising wave of new material technologies such as metallic and ceramic biomaterial are creating significant potential for advanced implantable device in various medical platforms due to its favorable mechanical strength, excellent friction-resistance, biocompatibility, and durability.

In implantable device market, various material technologies such as polymer, metal, ceramic, and biologics are used in the orthopedic, dental, facial, breast, and cardiovascular implant applications. Growing elderly population, rise in prevalence of chronic diseases, and rise in incidence of obesity and osteoporosis-related fractures are creating new opportunities for various implantable device technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the implantable device market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global implantable device technology by application, technology, and region as follows:

Technology Readiness by Material Technology

Competitive Intensity and Regulatory Compliance

Disruption Potential by Material Technology

Trends and Forecasts by Material Technology [\$M shipment analysis from 2018 to 2030]:

Polymer Based

Metal Based

Ceramic Based

Biologics

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Orthopedic Implant

Polymer Based

Metal Based

Ceramic Based

Biologics

Dental Implant

Polymer Based

Metal Based

Ceramic Based

Biologics

Facial Implant

Polymer Based

Metal Based

Ceramic Based

Biologics

Breast Implant

Polymer Based

Metal Based

Ceramic Based

Biologics

Cardiovascular Implant

Polymer Based

Metal Based

Ceramic Based

Biologics

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 – 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Implantable Device Technologies

Companies / Ecosystems

Strategic Opportunities by Material Technology

Some of the implantable device companies profiled in this report include Abbott Laboratories, Biotronik, Boston Scientific Corporation, Cardinal Health, Conmed Corporation, Globus Medical, Integra Lifesciences Holdings Corporation, Johnson & Johnson, and LivaNova.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the implantable device market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in implantable device market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in implantable device market?

Q.6 What are the latest developments in implantable device technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this implantable device market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this implantable device technology space?

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