

Technology Landscape, Trends and Opportunities in the Global Joint Replacement Market

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Abstracts

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The material technologies in joint replacement has undergone significant change in recent years, with metal based joint implant t%li%polyethylene based joint implant. The rising wave of new material technologies such as ceramic and polyethylene are creating significant potential for advanced joint replacement in various medical platforms due t%li%its improved strength and durability.

In joint replacement market, various material technologies such as metal, ceramic, and polyethylene are used in knee, hip, shoulder, and ankle applications. Increasing geriatric population, growing number of chronic medical condition such as, rheumatoid arthritis, osteoarthritis, and osteoporosis, and technological advancements such as robotic-assisted surgeries, and 3D printing are creating new opportunities for various joint replacement technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the joint replacement 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 joint replacement technology by application, material 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]:

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

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

Knee

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

Hip

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

Shoulder

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

Ankle

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

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

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Asia Pacific

Japan

China

India

The Rest of the World

Brazil

Latest Developments and Innovations in the Joint Replacement Technologies

Companies / Ecosystems

Strategic Opportunities by Material Technology

Some of the joint replacement companies profiled in this report include Zimmer Biomet, Stryker, DePuy Synthes, Smith and Nephew, Wright Medical, and Exactech.

This report answers following 9 key questions:

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

Q.6 What are the latest developments in joint replacement 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 joint replacement market? What strategic

initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this joint replacement technology space?

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