

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 t%li%2030]:

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

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

Knee

Metal Based Implants

Ceramic Based Implants

Polyethylene Based Implants

Hip

Metal Based Implants

Ceramic Based Implants

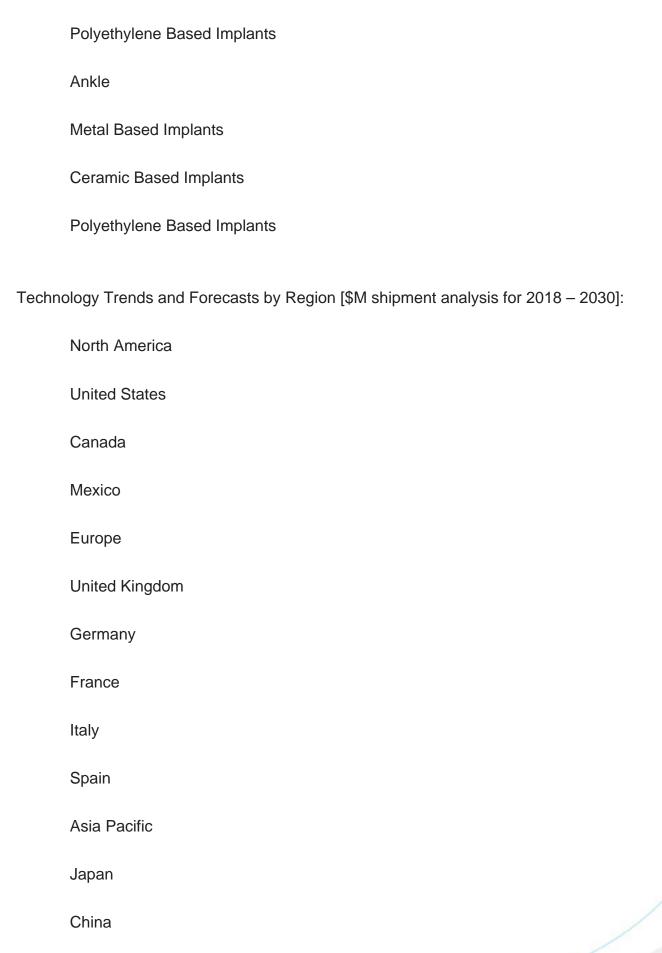
Polyethylene Based Implants

Shoulder

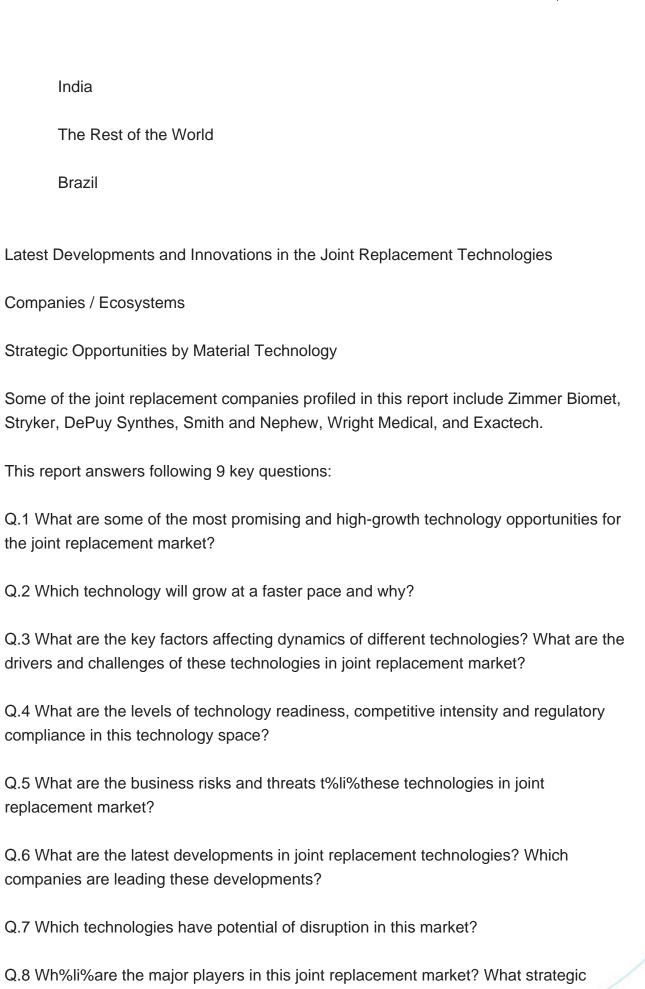
Metal Based Implants

Ceramic Based Implants









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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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