Artificial disc replacement market Research Report- Forecast to 2023

Report Information
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Artificial Disc Replacement Market: Information, by Disc Type (Composite Discs, Elastic Discs, Mechanical Discs, Others), Location (Cervical Discs Replacement and Lumber Disc Replacement), Material (Metal, Biopolymer, and Others)--Global Forecast Till 2023

Market Scenario
The artificial disc replacement market is expected to grow during the forecast period (2018–2023) at a CAGR of ~19.6%.

Artificial discs replacement surgery is done to treat back pain. In this medical procedure degenerated intervertebral discs are replaced by artificial discs. It helps to reduce or eliminate the back pain as well as to maintain the spine mobility. Factors propelling the growth of the market are rising occurrence of sports and trauma-related injuries, increasing orthopedic surgeries, and increasing geriatric population. Moreover, increasing spending on research and development and aggressive strategies acquired by top players are contributing to the growth of the market. For instance, in July 2016, Zimmer Biomet acquired LDR holdings for USD 1 billion. This acquisition has added LDR products: Mobi-C cervical disc replacement and Mivo lumbar and cervical fusion device into their portfolio for treating the spine disorders.

However, the rising cost of disc replacement surgeries, technical challenges faced by surgeons during replacement surgeries and increasing cost of artificial discs may hamper the growth of the market during the assessment period.

Segmentation
The artificial disc replacement market has been segmented on the basis of disc type, location, and material.

On the basis of disc type, the market has been classified as composite discs, elastic discs, mechanical discs and others. The mechanical discs segment has been further divided into maverick discs, kineflex discs, and flex-core discs. The location segment has been further divided into cervical disc replacement and lumbar disc replacement.

The market, by material, has been segmented into metal, biopolymer, mixed and others.

The market has been segmented, by region, into the Americas, Europe, Asia-Pacific, and the Middle East & Africa. The artificial disc replacement market in the Americas has further been segmented into North America and South America, with the North American market divided into the US and Canada.

The European artificial disc replacement market has been segmented into Western Europe and Eastern Europe. Western Europe has further been classified as Germany, France, the UK, Italy, Spain, and the rest of Western Europe.

The artificial disc replacement market in Asia-Pacific has been segmented into Japan, China, India, South Korea, Australia, and the rest of Asia-Pacific. The artificial disc replacement market in the Middle East & Africa has been segmented into the Middle East and Africa.

Regional Market Summary
The Americas are likely to dominate the artificial disc replacement market owing to the well-
established healthcare sector, increasing orthopedic surgeries, adoption of advanced
technologies and favorable reimbursement policies. For instance, in October 2016, Anthem
BlueCross and BlueShield, major players in the health insurance market, started covering the
new disc replacement procedures, which includes one- and two-level cervical total disc
replacements performed with the Mobi-C.

The European market is expected to be the second-largest Artificial disc replacement market
after Americas. Factors propelling the growth of the market in this region are increasing
expenditure on healthcare, increasing geriatric population in this region, and favorable
government and regulatory policies. For instance, in July 2016, Medtronic received FDA
clearance for its Prestige LP Cervical Disc. The device is used to treat cervical disc disease at
two adjacent levels between the C3-C7 segments.

Asia-Pacific is expected to be the fastest-growing artificial disc replacement market during the
forecast period owing to the, rising use of minimally invasive methods, rising cases of disc
degenerative disorders, and government initiative to provide quality healthcare services in
affordable prices. According to a study conducted by NCBI, disc degenerative disorders are
commonly found in the aging population, roughly 40% population of age group 40 and above
is suffering from disc degenerative disorders and this number increases to 80% for age group
80 years above.

The market in the Middle East & Africa is expected to account for the smallest share of the
artificial disc replacement market due to the underdeveloped healthcare sector in this area,
poor economic condition and lack of technical knowledge.

Key Players

Some of the key players in the artificial disc replacement market are Alphatec Spine Inc.,
Medtronic, DePuy Spine, Stryker, Smith & Nephew Plc, Globus Medical Inc., Aesculap
Inc. and K2M Inc.

Artificial Disc Replacement Market, by Disc Type

- Composite
- Elastic
- Mechanical
  - Maverick Discs
  - Kinflex Discs
  - Flexcore Discs
- Others

Artificial Disc Replacement Market, by Location

- Cervical Discs Replacement
- Lumbar Disc Replacement

Artificial Disc Replacement Market, by Material

- Metal
- Biopolymer
- Mixed
- Others

Artificial Disc Replacement Market, by Region

- Americas
- North America
- US
- Canada
- South America
- Europe
- Western Europe
- Germany
- France
- Italy
- Spain
- UK
- Rest of Western Europe
Intended Audience

- Artificial disc manufacturers
- Medical device manufacturers
- Healthcare providers
- Government associations
- Artificial disc distributors and suppliers
- Research institutes and academic centers
- Contract research organizations (CROs)
- Market research and consulting

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