

Artificial Disc Market Report by Disc Type (Cervical Artificial Disc, Lumbar Artificial Disc), Material Type (Metal on Polymer, Metal on Metal), End User (Hospitals and Clinics, Ambulatory Surgery Centers, and Others), and Region 2024-2032

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Abstracts

The global artificial disc market size reached US\$ 3.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 12.4 Billion by 2032, exhibiting a growth rate (CAGR) of 16% during 2024-2032.

An artificial disc is an arthroplasty device that is implanted into the lumbar or cervical spine to imitate the function of damaged intervertebral discs. It is composed of two endplates that are generally made using medical-grade polyethylene, cobalt-chromium or titanium alloy. It is soft and compressible and helps relieve back pain while retaining movement and flexibility. Nowadays, artificial disc replacement, also known as arthroplasty, is gaining traction over fusion surgical procedures across various regions. Its eligibility is determined by doctors using several tests, such as X-rays, discography, computed tomography (CT) scans and magnetic resonance imaging (MRI).

Artificial Disc Market Trends:

The rising prevalence of degenerative disc disease (DDD), along with the growing geriatric population and increasing adoption of minimally invasive surgery (MIS), represents one of the key factors impelling the global artificial disc market growth. Moreover, rising awareness about the benefits of arthroplasty, along with reimbursements provided by insurance companies, is escalating the demand for artificial discs. Apart from this, governments of several countries are improving healthcare infrastructure and encouraging medical tourism, which represents another growth-inducing factor bolstering the market growth. However, due to the mass spread

of the coronavirus disease (COVID-19), governments of numerous countries have imposed lockdowns and are encouraging social distancing measures. As a result, several medical centers have postponed non-essential arthroplasty procedures, which has impacted the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global artificial disc market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on disc type, material type and end user.

Breakup by Disc Type:

- Cervical Artificial Disc
- Lumbar Artificial Disc

Breakup by Material Type:

- Metal on Polymer
- Metal on Metal

Breakup by End User:

- Hospitals and Clinics
- Ambulatory Surgery Centers
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia Pacific
 - China
 - Japan
 - India
 - South Korea
- Australia
- Indonesia

Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being B. Braun Melsungen Aktiengesellschaft (B. Braun Holding GmbH & Co. KG), Depuy Synthes Inc. (Johnson & Johnson), Globus Medical Inc., Medtronic plc, Nuvasive Inc., Orthofix Medical Inc., Paradigm Spine LLC (RTI Surgical Holdings Inc.), Smith & Nephew Plc, Stryker Corporation and Zimmer Biomet Holdings Inc.

Key Questions Answered in This Report

1. How big is the global artificial disc market?
2. What is the expected growth rate of the global artificial disc market during 2024-2032?
3. What are the key factors driving the global artificial disc market?
4. What has been the impact of COVID-19 on the global artificial disc market?
5. What is the breakup of the global artificial disc market based on the disc type?
6. What is the breakup of the global artificial disc market based on the material type?
7. What are the key regions in the global artificial disc market?
8. Who are the key players/companies in the global artificial disc market?

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