+44 20 8123 2220
info@marketpublishers.com

Global Orthopaedic Devices Market Trends and Drivers, Restraints, and Opportunities 2017-2023

https://marketpublishers.com/r/GEC8F0C3738EN.html
Date: July 2017
Pages: 133
Price: US$ 2,500.00 (Single User License)
ID: GEC8F0C3738EN

Abstracts

Global Orthopedic Products Market – Drivers, Opportunities, Trends, and Forecasts: 2017–2023

Overview: Orthopedics is a branch of medical surgery dealing with restoration and preservation of the functions of the musculoskeletal system. It is concerned with deformities, injuries, and prevention of disorders of the skeleton and associated structures such as ligaments and tendons. Orthopedic devices and implants help in treating orthopedic injuries and deformities such as joint reconstruction, spinal surgery, and trauma fixation. The joint reconstruction products include devices for hip, elbow, knee, wrist, ankle, shoulder, and fingers. These types of medical implants are fabricated using titanium and stainless-steel alloys. The implants are coated with plastic coating and act as an artificial cartilage. The common types of medical implants are rods, pins, plates, and screws used to anchor fractured bones while they heal.

The ageing population in addition to increasing life expectancy is a primary driver for all the medical industry segments. The US has the largest aging population with people aged above 65 years totaling up to 46 million, in Europe about 19% of the people were aged above 65 years, and 26.7% of the people were aged above 65 years in Japan, in 2016. These three markets have a major bearing, as all the key vendors are present in these regions accounting for about 80%–85% of the Global Orthopedic Devices Market. However, only 12.84% of the world population accounts for the 954 million people who live in these geographic regions as of 2016. The growth prospects and opportunities for orthopedic devices exist outside these markets as most of the emerging and underdeveloped regions require musculoskeletal care.

A large portion of the population in the developing countries cannot afford quality

healthcare facilities and the governments do not offer adequate reimbursements. The high cost of surgeries makes patients reluctant to adopting the same. Governments in the developing nations are not well-equipped to provide basic advanced healthcare services, but are focusing more on improving their infrastructure to provide better treatment. The vendors in these regions are focusing on producing orthopedic implants, specifically for the population in these countries, to provide better outcomes and increase awareness among the population.

Orthopedic devices continue to demonstrate substantial improvements in patient outcomes by delivering high-quality and life-sustaining treatments. These factors create a huge growth potential in the market of both developed and developing countries with a wide range of opportunities. Globally, vendors are investing huge amounts in R&D for the development of new products to gain major market share.

Market Analysis: The Global Orthopedic Devices Market is estimated to witness a CAGR of 5.69% during the forecast period 2017–2023. The orthopedic devices market is analyzed based on three segments – product type, end-users, and regions.

Product Analysis: The Global Orthopedic Devices Market is segmented into eight major segments namely Spine Implants, Knee Implants, Hip Implants, Sports Medicine, Trauma Fixation Devices, Upper Extremities (Shoulder, Elbow, Wrists, and Fingers), Lower Extremities (Foot & Ankle Devices), and Orthobiologics. The Global Orthopedic Devices Market is dominated by the spine implants segment due to the presence of advanced fusion and non-fusion procedures performed with orthobiologics and the availability of clinical data regarding the safety and efficacy of the devices. This enables surgeons to adopt devices for treatment of various spine-related disorders as these surgeries contribute 60% of the total orthopedic procedures. Therefore, opportunities for growth in the emerging economies of Latin America and APAC are vast. Th increasing adoption of MI surgeries in treating orthopedic disorders, particularly in the elderly population, and the growing availability of devices in the Global Orthopedic Devices Market also contribute to the growth of the market.

Regional Analysis: The regions covered in the report “Global Orthopedic Devices Market” are North America, Europe, Asia Pacific, and RoW. North America is the leading region for the growth of the Orthopedic Devices Market followed by Europe. There has been a significant increase in the number of individuals undergoing treatment for various orthopedic procedures in the US.

Europe accounted for the second largest share of the market with chronic pain being

one of the major complications of the orthopedic disorder cases. In 2015, the public spending on healthcare in Europe amounted to 18% of the overall government expenditure. The expenditure on chronic pain care with orthopedic devices is directly reimbursed to hospitals within the NHS. Clinical evidence of orthopedic devices compared to other treatment, such as drug therapy, is expected to increase during the forecast period.

The Orthopedic Devices Market revenue in APAC is expected to reach $11.72 billion by 2023, growing at a CAGR of 7.38% during the forecast period 2017–2023. Factors, such as the increased prevalence of orthopedic diseases, the presence of a large pool of patients, and an increase in the awareness about treatment for complex orthopedic issues, drive the market growth. The increase in government spending in healthcare, infrastructure, research centers, and establishing of manufacturing facilities by major vendors in the Global Orthopedic Devices Market are also influencing the high growth rate of the market.

Key Players: Zimmer Biomet Holding, Inc., DePuy Synthes, Inc., Stryker Corp., Medtronic PLC, and Smith & Nephew, Inc., and other predominate and niche players.

Competitive Analysis: Currently, the Global Orthopedic Devices Market is dominated by the spine implants segment having the maximum number of procedures and sales of spinal implants in the market. Vendors are investing huge amounts in R&D to develop new innovative products with newer applications, thus focusing to offer novel devices. Most of the vendors in the Global Orthopedic Devices Market expand their business by M&A, partnership, and trade shows. Prominent players, such as Zimmer Biomet, DePuy Synthes, Stryker, Medtronic, and Smith & Nephew, along with other universities and orthopedic research centers are coming up with new orthopedic products in the market, which are expected to grow tremendously during the forecast period. Significant investments in R&D and increased awareness about complex orthopedic procedures are expected to boost the market growth.

Benefits: The report provides complete details about the usage and adoption rate of orthopedic devices in various orthopedic disease areas and regions. This helps the key stakeholders to know about the major trends, drivers, investments, vertical player’s initiatives, and government initiatives toward the orthopedic product adoption along with details of commercial orthopedic devices available in the market. Moreover, the report provides details about the major challenges that are going to impact the market growth. Additionally, the report gives complete details about key business opportunities to key stakeholders to expand their business and capture revenue in the specific verticals, and

+44 20 8123 2220
info@marketpublishers.com

to analyze before investing or expanding the business in this market.

Key Stakeholders:

+44 20 8123 2220
info@marketpublishers.com

Contents

1 INDUSTRY OUTLOOK

1.1 Industry Overview
1.2 Definition: Orthopedics
1.3 Healthcare Spending in the US
1.4 Third-party Reimbursement
1.5 Emerging Global Markets
1.6 Musculoskeletal disorders
  1.6.1 Knee Implants
  1.6.2 Hip Implants
  1.6.3 Ankle & Foot Implants
  1.6.4 Shoulder Implants
  1.6.5 Spine Implants
  1.6.6 Trauma Fixation Devices
  1.6.7 Sports Medicine Devices
  1.6.8 Orthobiologics
1.7 Industry Trends
1.8 PEST Analysis

2 REPORT OUTLINE

2.1 Report Scope
2.2 Report Summary
2.3 Research Methodology
2.4 Report Assumptions

3 MARKET SNAPSHOT

3.1 Total Addressable Market (TAM)
3.2 Segmented Addressable Market (SAM)
3.3 Related Markets
  3.3.1 Surgical Devices Market
  3.3.2 Biomaterial Market
  3.3.3 Dental Implant Market
  3.3.4 Energy-Based Aesthetic Devices Market

4 MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

4.1 Overview
4.2 Importance of Orthopedic Devices
4.3 Porter 5(Five) Forces
Market Characteristics
4.4 Evolution
4.5 DRO – Global Orthopedic Devices Market Dynamics
4.5.1 Drivers
4.5.1.1 Rise in the prevalence of orthopedic disorders
4.5.1.2 Rising number of road accidents
4.5.1.3 Increasing popularity of MI orthopedic surgeries
4.5.1.4 Rise in elderly population
4.5.1.5 Increase in number of outpatient procedure
4.5.2 Opportunities
4.5.2.1 Technological advancements
4.5.2.2 Increase usage of orthopedic biomaterials
4.5.2.1 Increase healthcare spending
4.5.2.2 Increase in mergers & acquisitions
4.5.3 Restraints
4.5.3.1 Complications and risk associated with orthopedic procedures
4.5.3.2 Product recall
4.5.3.3 High cost of orthopedic procedures
4.5.3.4 Stringent regulatory framework and labeling requirement
4.5.3.5 Lack of reimbursement policies
4.5.3.6 Intense competition among vendors
4.5.4 DRO – Impact Analysis
4.5.5 Key Stakeholders

5 TYPES: MARKET SIZE AND ANALYSIS

5.1 Overview
5.2 Knee Implants
5.2.1 Overview
5.2.2 Total Knee Replacement
5.2.3 Partial Knee Replacement
5.2.4 Revision Knee Implant
5.3 Hip Implants
5.3.1 Overview
5.3.2 Total Hip Replacement Implant

5.3.3 Partial Hip Replacement Implant
5.3.4 Revision Hip Replacement Implant
5.3.5 Hip resurfacing
5.4 Foot and Ankle Devices
5.4.1 Overview
5.4.2 Implants
5.4.3 Support Devices
5.5 Upper extremities (Shoulder, Elbow, Wrist, and Fingers)
5.5.1 Overview
5.5.2 Total Shoulder Replacement
5.5.3 Stemmed Hemiarthroplasty
5.5.4 Resurfacing Hemiarthroplasty
5.5.5 Reverse Total Shoulder Replacement
5.6 Spine Implants
5.6.1 Overview
5.6.2 Spinal Fusion Implants
5.6.3 Spinal Non-fusion Implants
5.7 Trauma Fixation Devices
5.7.1 Overview
5.7.2 Internal Fixation
5.7.3 External Fixation
5.8 Sports Medicine
5.8.1 Overview
5.9 Orthobiologics
5.9.1 Overview

6 END USER: MARKET SIZE AND ANALYSIS

6.1 Overview
6.2 Hospitals
6.3 Ambulatory Care
6.3.1 ASCs in the Americas
6.3.1.1 US
6.3.1.2 Canada
6.3.1.3 Mexico
6.3.2 ASCs in the EMEA Region
6.3.2.1 France
6.3.2.2 UK
6.3.2.3 Israel

6.3.2.4 Africa
6.3.3 ASCs in the APAC Region
6.3.3.1 Australia
6.3.3.2 India
6.3.3.3 China
6.4 Trauma Centers

7 REGIONS: MARKET SIZE AND ANALYSIS

7.1 Overview
7.2 North America
7.2.1 Market Overview
7.3 Europe
7.3.1 Market Overview
7.4 APAC
7.4.1 Market Overview
7.5 Rest of the World
7.5.1 Market Overview

8 COMPETITIVE LANDSCAPE

8.1 Overview

9 VENDOR PROFILES

9.1 Johnson & Johnson (DePuy Synthes, Inc.)
9.1.1 Overview
9.1.2 Business Units
9.1.3 Geographic Presence
9.1.4 Business Focus
9.1.5 SWOT Analysis
9.1.6 Business Strategies
9.2 Medtronic PLC
9.2.1 Overview
9.2.2 Business Units
9.2.3 Geographic Presence
9.2.4 Business Focus
9.2.5 SWOT Analysis
9.2.6 Business Strategies

+44 20 8123 2220
info@marketpublishers.com

9.3 Stryker Corp.
9.3.1 Overview
9.3.2 Business Units
9.3.3 Geographic Presence
9.3.4 Business Focus
9.3.5 SWOT Analysis
9.3.6 Business Strategies
9.4 Smith & Nephew, Inc.
9.4.1 Overview
9.4.2 Business Unit
9.4.3 Geographic Presence
9.4.4 Business Focus
9.4.5 SWOT Analysis
9.4.6 Business Strategies
9.5 Zimmer Biomet Holdings, Inc.
9.5.1 Overview
9.5.2 Business Units
9.5.3 Geographic Presence
9.5.4 Business Focus
9.5.5 SWOT Analysis
9.5.6 Business Strategies

10 COMPANIES TO WATCH FOR

10.1 Arthrex, Inc
10.1.1 Overview
10.1.2 Key Highlights
10.1.3 Business Strategies
10.2 NuVasive.
10.2.1 Overview
10.2.2 Key Highlights
10.2.3 Business Strategies
10.3 K2M
10.3.1 Overview
10.3.2 Key Highlights
10.3.3 Business Strategies
10.4 SeaSpine Holdings Corp.
10.4.1 Overview
10.4.2 Key Highlights

+44 20 8123 2220
info@marketpublishers.com

10.4.3 Business Strategies
10.5 Orthofix Intenational N.V.
10.5.1 Key Highlights
10.5.2 Business Strategies

11 OTHER PROMINENT VENDORS

Annexure
Abbreviations

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1 GLOBAL ORTHOPEDIC DEVICES MARKET BY TYPES, 2016–2023 ($MILLION)
Table 2 DRO OF HIP IMPLANTS MARKET
Table 3 DRO OF FOOT AND ANKLE DEVICES MARKET
Table 4 DRO OF UPPER EXTREMITIES DEVICES MARKET
Table 5 DRO OF SPINE IMPLANTS MARKET
Table 1 DRO OF TRAUMA FIXATION DEVICES MARKET
Table 2 DRO OF SPORTS MEDICINE MARKET
Table 3 DRO OF ORTHOBIOLOGICS MARKET
Table 4 GLOBAL ORTHOPEDIC DEVICES MARKET BY END-USERS
Table 5 GLOBAL ORTHOPEDIC DEVICES MARKET REVENUE BY REGIONS FORECAST, 2016–2023 ($BILLION)
Table 6 DRO (NORTH AMERICA)
Table 7 DRO (EUROPE)
Table 8 DRO (APAC)
Table 9 DRO (REST OF THE WORLD)
Table 10 GLOBAL ORTHOPEDIC DEVICES MARKET BY VENDOR RANKING, 2016
Table 1 JOHNSON & JOHNSON: PRODUCT OFFERINGS
Table 2 JOHNSON & JOHNSON: RECENT DEVELOPMENTS
Table 3 MEDTRONIC PLC: PRODUCT OFFERINGS
Table 4 MEDTRONIC PLC: RECENT DEVELOPMENTS
Table 5 STRYKER CORP.: PRODUCT OFFERINGS
Table 6 STRYKER CORP.: RECENT DEVELOPMENTS
Table 7 SMITH & NEPHEW, INC.: PRODUCT OFFERINGS
Table 8 SMITH & NEPHEW, INC.: RECENT DEVELOPMENTS
Table 9 ZIMMER BIOMET HOLDINGS, INC.: PRODUCT OFFERINGS
Table 10 ZIMMER BIOMET HOLDING, INC.: RECENT DEVELOPMENTS
Table 11 ARTHREX: SNAPSHOT
Table 12 NUVASIVE: SNAPSHOT
Table 13 K2M: SNAPSHOT
Table 14 SEASPINE HOLDINGS CORP.: SNAPSHOT
Table 15 ORTHOFIX INTERNATIONAL N.V.: SNAPSHOT

+44 20 8123 2220
info@marketpublishers.com

List Of Charts

LIST OF CHARTS

Chart 1 US POPULATION DISTRIBUTION BY AGE (US, CENSUS BUREAU, CMS 2015)
Chart 2 US HEALTHCARE CONSUMPTION BY AGE (US, CENSUS BUREAU, CMS 2015)
Chart 3 WORLD POPULATION AGED 65 AND ABOVE, 1960-2060 (%)
Chart 4 GLOBAL HEALTHCARE EXPENDITURE GDP AND PER-CAPITA SPENDING IN 2015
Chart 5 GLOBAL MEDICAL DEVICES MARKET AROUND THE GLOBE
Chart 6 MUSCULOSKELETAL DISORDERS DISTRIBUTION BY AGE, 2015
Chart 7 ORTHOPEDIC DEVICES MARKET SEGMENTATION
Chart 8 PEST ANALYSIS OF GLOBAL ORTHOPEDIC DEVICES MARKET
Chart 9 RESEARCH METHODOLOGY OF GLOBAL ORTHOPEDIC DEVICES MARKET
Chart 10 GLOBAL MEDICAL DEVICES MARKET SEGMENTATION
Chart 11 ORTHOPEDIC DEVICES SNAPSHOT, 2016
Chart 12 WORLDWIDE ORTHOPEDIC DEVICES MARKET REVENUE, 2016–2023 ($BILLION)
Chart 13 PORTER 5 FORCES ON GLOBAL ORTHOPEDIC DEVICES MARKET
Chart 14 NUMBER OF PRODUCT RECALLED FROM (2003 – 2015)
Chart 15 DRO – IMPACT ANALYSIS OF GLOBAL ORTHOPEDIC DEVICES MARKET
Chart 16 KEY STAKEHOLDERS
Chart 17 GLOBAL ORTHOPEDIC DEVICES MARKET BY TYPE SEGMENTATION, 2016 (%)
Chart 18 GLOBAL ORTHOPEDIC DEVICES MARKET BY TYPE SEGMENTATION, 2023 (%)
Chart 19 GLOBAL ORTHOPEDIC DEVICES MARKET OVERVIEW BY PRODUCT TYPE 2016
Chart 20 WORLDWIDE KNEE IMPLANTS MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 21 GLOBAL KNEE IMPLANT MARKET BY SEGMENTATION, 2016 (%)
Chart 22 WORLDWIDE HIP IMPLANTS MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 23 GLOBAL HIP IMPLANTS MARKET BY SEGMENTATION, 2016 (%)
Chart 24 WORLDWIDE FOOT AND ANKLE DEVICES MARKET BY REVENUE, 2017–2023 ($BILLION)

Chart 25 GLOBAL FOOT AND ANKLE DEVICES MARKET BY SEGMENTATION, 2016 (%)
Chart 26 WORLDWIDE UPPER EXTREMITIES MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 27 GLOBAL UPPER EXTREMITIES MARKET BY SEGMENTATION, 2016 (%)
Chart 28 WORLDWIDE SPINE IMPLANTS MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 29 GLOBAL SPINE IMPLANTS MARKET BY SEGMENTATION, 2016 (%)
Chart 30 WORLDWIDE TRAUMA FIXATION DEVICES MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 31 GLOBAL TRAUMA FIXATION DEVICES MARKET BY SEGMENTATION, 2016 (%)
Chart 32 WORLDWIDE SPORTS MEDICINE MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 33 WORLDWIDE ORTHOBIOLOGICS MARKET BY REVENUE, 2017–2023 ($BILLION)
Chart 34 GLOBAL ORTHOPEDIC DEVICES MARKET SEGMENTATION BY PRODUCT TYPE, 2016-2023 ($BILLION)
Chart 35 GLOBAL ORTHOPEDIC DEVICES MARKET SEGMENTATION BY PRODUCT TYPE, 2016-2023 (%)
Chart 36 GLOBAL ORTHOPEDIC DEVICES MARKET BY END-USER SEGMENTATION, 2016 (%)
Chart 37 GLOBAL ORTHOPEDIC DEVICES MARKET BY GEOGRAPHICAL SEGMENTATION, 2016 (%)
Chart 38 GLOBAL ORTHOPEDIC DEVICES MARKET BY GEOGRAPHICAL SEGMENTATION, 2023 (%)
Chart 39 GLOBAL ORTHOPEDIC DEVICES MARKET OVERVIEW BY REGIONS, 2016
Chart 40 ORTHOPEDIC DEVICES MARKET REVENUE IN NORTH AMERICA, 2016–2023 ($BILLION)
Chart 41 ORTHOPEDIC DEVICES MARKET REVENUE IN THE EUROPE REGION, 2016–2023 ($BILLION)
Chart 42 ORTHOPEDIC DEVICES MARKET REVENUE IN THE APAC REGION, 2016–2023 ($BILLION)
Chart 43 ORTHOPEDIC DEVICES MARKET REVENUE IN THE REST OF THE WORLD, 2017–2023 ($BILLION)
Chart 1 JOHNSON & JOHNSON: OVERVIEW SNAPSHOT
Chart 2 JOHNSON & JOHNSON: BUSINESS UNITS
Chart 3 JOHNSON & JOHNSON: GEOGRAPHIC PRESENCE

+44 20 8123 2220
info@marketpublishers.com

Chart 4 JOHNSON & JOHNSON: SWOT ANALYSIS
Chart 5 MEDTRONIC PLC: OVERVIEW SNAPSHOT
Chart 6 MEDTRONIC PLC: BUSINESS UNITS
Chart 7 MEDTRONIC PLC: GEOGRAPHIC PRESENCE
Chart 8 MEDTRONIC PLC: SWOT ANALYSIS
Chart 9 STRYKER CORP.: OVERVIEW SNAPSHOT
Chart 10 STRYKER CORP.: BUSINESS UNITS
Chart 11 STRYKER CORP.: GEOGRAPHIC PRESENCE
Chart 12 STRYKER CORP.: SWOT ANALYSIS
Chart 13 SMITH & NEPHEW, INC.: OVERVIEW SNAPSHOT
Chart 14 SMITH & NEPHEW, INC.: BUSINESS UNIT
Chart 15 SMITH & NEPHEW, INC.: GEOGRAPHIC PRESENCE
Chart 16 SMITH & NEPHEW, INC.: SWOT ANALYSIS
Chart 17 ZIMMER BIOMET HOLDING, INC.: OVERVIEW SNAPSHOT
Chart 18 ZIMMER BIOMET HOLDING, INC.: BUSINESS UNITS
Chart 19 ZIMMER BIOMET HOLDING, INC.: GEOGRAPHIC PRESENCE
Chart 20 ZIMMER BIOMET HOLDING, INC.: SWOT ANALYSIS

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Orthopaedic Devices Market Trends and Drivers, Restraints, and Opportunities 2017-2023

Product link: https://marketpublishers.com/r/GEC8F0C3738EN.html

Price: US$ 2,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GEC8F0C3738EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com