

# **Spinal Implants and Devices Market by Product (Spinal Fusion Devices, Non-Fusion/Motion Preservation Devices, Vertebral Compression Fracture Treatment Devices, Spinal Bone Stimulators, and Spine Biologics) and Surgery (Open Spine Surgery and Minimally Invasive Spine Surgery) & Implantation Statistics - Global Opportunity Analysis and Industry Forecast, 2014-2022**

<https://marketpublishers.com/r/S29115D6684EN.html>

Date: February 2017

Pages: 268

Price: US\$ 5,540.00 (Single User License)

ID: S29115D6684EN

## **Abstracts**

The global spinal implants and devices market was worth \$9,741 million in 2015, and is estimated to reach \$13,384 million by 2022, growing at a CAGR of 4.6% during the study period. Spinal implants and devices are used to treat spinal deformities such as spinal stenosis and isthmic spondylolisthesis. Increase in geriatric population, rise in adoption of minimal invasive surgery techniques, and upsurge in incidence rate of spinal disorders are expected to drive the market growth. Moreover, technological advancements in spinal fusion implants fuel this growth. However, unfavorable reimbursement scenario and stringent regulatory approval procedures are expected to impede the market growth.

Spinal stenosis is the most common problem in men and women over 50 years of age. With age, changes occur in the structure of the spine, such as the band of the tissue that supports the spine gets thick, bones and joints get bigger, thus leading to the most common cause of spinal impairment. According to Eurostat, on January 1, 2015, the European Union (EU)-28 population was estimated to be 508.5 million of which older persons (aged 65 years or over) had an 18.9% share, reflecting an increase of 0.4% compared to the previous year. Therefore, increase in geriatric population is expected to impact the demand for spinal implant and devices for the treatment of spinal disorders.

## Key Benefits

The study provides an in-depth analysis of the global spinal implants and devices market, with current trends and future estimations, to elucidate the imminent investment pockets.

Quantitative analysis from 2014 to 2022 is expected to enable the stakeholders to capitalize on prevailing market opportunities.

The report provides actual historical figures for 2014 and Y-o-Y forecasts from 2016 to 2022, considering 2015 as base.

Comprehensive analysis of all geographical regions is provided to determine the prevailing opportunities.

Extensive analysis is conducted by closely following key product positioning and monitoring the top contenders within the market framework.

## SPINAL IMPLANTS AND DEVICES MARKET KEY SEGMENTS

The global spinal implants and devices market is segmented based on product, surgery type, and geography.

### By Product

#### Spinal Fusion Devices

##### Thoracolumbar Devices

##### Anterior Lumbar Plates

##### Lumbar Plates

##### Pedicle Screw

##### Rods

##### Hooks

##### Wires & Cables

Crosslinks

Cervical Fixation Devices

Anterior Cervical Plates

Hook Fixation Systems

Plates & Screws

Clamps

Wires

Interbody Fusion Devices

Non-Bone Interbody Fusion Devices

Bone Interbody Fusion Devices

Non-Fusion Devices/Motion Preservation Devices

Dynamic Stabilization Devices

Interspinous Process Spacers

Pedicle Screw-Based Systems

Facet Replacement Products

Artificial Discs

Artificial Cervical Discs

Artificial Lumbar Discs

Annulus Repair Devices

Nuclear Disc Prostheses

Vertebral Compression Fracture (VCF) Treatment Devices

Balloon Kyphoplasty Devices

Vertebroplasty Devices

Spinal Bone Stimulators

Non-Invasive Spine Bone Stimulators

Pulsed Electromagnetic Field Device

Capacitive Coupling(CC) and Combined (Electro) Magnetic Field (CMF) Devices

Invasive Spine Bone Stimulators

Spine Biologics

Spinal Allografts

Machined Bones Allograft

Demineralized Bone Matrix

Bone Graft Substitutes

Bone Morphogenetic Proteins

Synthetic Bone Grafts

Cell-Based Matrix

By Surgery

Open Spine Surgery

## Minimally Invasive Spine Surgery

### By Geography

#### North America

U.S.

Canada

Mexico

#### Europe

France

Germany

UK

Spain

Italy

Rest of Europe

#### Asia-Pacific

India

China

Japan

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

The key companies operating in the spinal implants and devices market are Alphatec Spine, Inc., B. Braun Melsungen AG, Depuy Synthes (Johnson & Johnson), Exactech, Inc., Globus Medical, Inc., Medtronic plc, NuVasive, Inc., Orthofix International N.V., Stryker Corporation, and Zimmer Biomet Holdings, Inc.

The other players operating in the market include Paragon Medical, Inc., Norman Noble, Inc., Nutech, Titan Spine, Wenzel Spine, Inc., X-spine Systems, Inc., Tecomet, Inc., Marox Corporation, Axial Medical, Spine Wave, Inc., K2M, Inc., and Captiva Spine, LLC.

## Contents

### CHAPTER 1 INTRODUCTION

### CHAPTER 2 EXECUTIVE SUMMARY

#### 2.1. CXO PERSPECTIVE

### CHAPTER 3 MARKET OVERVIEW

#### 3.1. MARKET DEFINITION AND SCOPE

#### 3.2. KEY FINDINGS

##### 3.2.1. Top winning strategies

##### 3.2.2. Top investment pockets

#### 3.3. MARKET SHARE ANALYSIS, 2015

#### 3.4. MARKET DYNAMICS

##### 3.4.1. Drivers

###### 3.4.1.1. Growing elderly population

###### 3.4.1.2. Increasing prevalence of spinal disorders

###### 3.4.1.3. Advancements in spine surgery

###### 3.4.1.4. Shift towards minimal invasive spine procedures

##### 3.4.2. Restraints

###### 3.4.2.1. Stringent regulatory approval procedure

###### 3.4.2.2. Unfavorable reimbursement scenario

##### 3.4.3. Opportunities

###### 3.4.3.1. Emerging markets to drive the demand for spinal implants and devices

###### 3.4.3.2. Motion preservation surgery

##### 3.4.4. Impact analysis

#### 3.5. PORTERS FIVE FORCES ANALYSIS

##### 3.5.1. Bargaining power of buyers

##### 3.5.2. Bargaining power of suppliers

##### 3.5.3. Threat of substitutes

##### 3.5.4. Threat of new entrants

##### 3.5.5. Competitive rivalry

#### 3.6. GOVERNMENT REGULATIONS

### CHAPTER 4 GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY PRODUCT

#### 4.1. OVERVIEW

- 4.1.1. Market size and forecast
- 4.1.2. Global Spinal Implantations, By Type
- 4.2. SPINAL FUSION DEVICES
  - 4.2.1. Key market trends
  - 4.2.2. Growth factors and opportunities
  - 4.2.3. Market size and forecast
  - 4.2.4. Global Spinal Fusion Device Implantations, By Type
  - 4.2.5. Thoracolumbar devices
    - 4.2.5.1. Market size and forecast
      - 4.2.5.1.1. Anterior lumbar plates
        - 4.2.5.1.1.1. Market size and forecast
      - 4.2.5.1.2. Lumbar plates
        - 4.2.5.1.2.1. Market size and forecast
      - 4.2.5.1.3. Pedicle screw
        - 4.2.5.1.3.1. Market size and forecast
      - 4.2.5.1.4. Rods
        - 4.2.5.1.4.1. Market size and forecast
      - 4.2.5.1.5. Hooks
        - 4.2.5.1.5.1. Market size and forecast
      - 4.2.5.1.6. Wires and cables
        - 4.2.5.1.6.1. Market size and forecast
      - 4.2.5.1.7. Crosslinks
        - 4.2.5.1.7.1. Market size and forecast
    - 4.2.5.2. Market size and forecast
  - 4.2.6. Cervical Fixation Devices
    - 4.2.6.1. Market size and forecast
      - 4.2.6.1.1. Anterior cervical plates
        - 4.2.6.1.1.1. Market size and forecast
      - 4.2.6.1.2. Hook Fixation Systems
        - 4.2.6.1.2.1. Market size and forecast
      - 4.2.6.1.3. Plates and screws
        - 4.2.6.1.3.1. Market size and forecast
      - 4.2.6.1.4. Clamps
        - 4.2.6.1.4.1. Market size and forecast
      - 4.2.6.1.5. Wires
        - 4.2.6.1.5.1. Market size and forecast
  - 4.2.7. Interbody Fusion Devices
    - 4.2.7.1. Market size and forecast
      - 4.2.7.1.1. Non-Bone Interbody Fusion Devices
        - 4.2.7.1.1.1. Market size and forecast



#### 4.2.7.1.2. Bone Interbody Fusion Devices

##### 4.2.7.1.2.1. Market size and forecast

### 4.3. NON-FUSION/MOTION PRESERVATION DEVICES

#### 4.3.1. Key market trends

#### 4.3.2. Growth factors and opportunities

#### 4.3.3. Market size and forecast

#### 4.3.4. Global Motion Preservation Device Implantations, By Type

#### 4.3.5. Dynamic stabilization systems

##### 4.3.5.1. Market size and forecast

##### 4.3.5.1.1. Interspinous Process Spacers

###### 4.3.5.1.1.1. Market size and forecast

##### 4.3.5.1.2. Pedicle-Based Dynamic Rods

###### 4.3.5.1.2.1. Market size and forecast

##### 4.3.5.1.3. Facet Replacement Products

###### 4.3.5.1.3.1. Market size and forecast

#### 4.3.6. Artificial Discs

##### 4.3.6.1. Market size and forecast

##### 4.3.6.1.1. Artificial cervical discs

###### 4.3.6.1.1.1. Market size and forecast

##### 4.3.6.1.2. Artificial lumbar discs

###### 4.3.6.1.2.1. Market size and forecast

#### 4.3.7. Annulus repair devices

##### 4.3.7.1. Market size and forecast

#### 4.3.8. Nucleus disc prosthesis device

##### 4.3.8.1. Market size and forecast

### 4.4. VERTEBRAL COMPRESSION FRACTURE DEVICES

#### 4.4.1. Key market trends

#### 4.4.2. Growth factors and opportunities

#### 4.4.3. Market size and forecast

#### 4.4.4. Global VCF Device Implantations, By Type

#### 4.4.5. Balloon kyphoplasty devices

##### 4.4.5.1. Market size and forecast

#### 4.4.6. Vertebroplasty devices

##### 4.4.6.1. Market size and forecast

### 4.5. SPINAL BONE STIMULATORS

#### 4.5.1. Key market trends

#### 4.5.2. Growth factors and opportunities

#### 4.5.3. Market size and forecast

#### 4.5.4. Global Spinal Bone Stimulator Implantations, By Type

- 4.5.5. Non-invasive spine bone stimulators
  - 4.5.5.1. Market size and forecast
    - 4.5.5.1.1. Pulsed electromagnetic field device
      - 4.5.5.1.1.1. Market size and forecast
    - 4.5.5.1.2. Capacitive coupling and combined magnetic field device
      - 4.5.5.1.2.1. Market size and forecast
- 4.5.6. Invasive spine bone stimulators
  - 4.5.6.1. Market size and forecast
- 4.6. SPINE BIOLOGICS
  - 4.6.1. Key market trends
  - 4.6.2. Growth factors and opportunities
  - 4.6.3. Market size and forecast
  - 4.6.4. Global Spine Biologic Implantations, By Type
  - 4.6.5. Spinal allografts
    - 4.6.5.1. Market size and forecast
      - 4.6.5.1.1. Machined bone allograft
        - 4.6.5.1.1.1. Market size and forecast
      - 4.6.5.1.2. Demineralized Bone Matrix
        - 4.6.5.1.2.1. Market size and forecast
  - 4.6.6. Bone graft substitutes
    - 4.6.6.1. Market size and forecast
      - 4.6.6.1.1. Bone Morphogenetic Proteins
        - 4.6.6.1.1.1. Market size and forecast
      - 4.6.6.1.2. Synthetic bone grafts
        - 4.6.6.1.2.1. Market size and forecast
  - 4.6.7. Cell based matrix
    - 4.6.7.1. Market size and forecast

## **CHAPTER 5 GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY SURGERY**

- 5.1. OVERVIEW
  - 5.1.1. Market size and forecast
- 5.2. OPEN SPINE SURGERY
  - 5.2.1. Market size and forecast
- 5.3. MINIMALLY INVASIVE SPINE SURGERY
  - 5.3.1. Market size and forecast

## **CHAPTER 6 GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY REGION**

## 6.1. OVERVIEW

### 6.1.1. Market size and forecast

## 6.2. NORTH AMERICA

### 6.2.1. Key market trends

### 6.2.2. Growth factors and opportunities

### 6.2.3. Market size and forecast

### 6.2.4. U.S. market size and forecast

### 6.2.5. Canada market size and forecast

### 6.2.6. Mexico market size and forecast

## 6.3. EUROPE

### 6.3.1. Key market trends

### 6.3.2. Growth factors and opportunities

### 6.3.3. Market size and forecast

### 6.3.4. France market size and forecast

### 6.3.5. Germany market size and forecast

### 6.3.6. UK market size and forecast

### 6.3.7. Spain market size and forecast

### 6.3.8. Italy market size and forecast

### 6.3.9. Rest of Europe market size and forecast

## 6.4. ASIA-PACIFIC

### 6.4.1. Key market trends

### 6.4.2. Growth factors and opportunities

### 6.4.3. Market size and forecast

### 6.4.4. India market size and forecast

### 6.4.5. China market size and forecast

### 6.4.6. Japan market size and forecast

### 6.4.7. South Korea market size and forecast

### 6.4.8. Australia market size and forecast

### 6.4.9. Rest of Asia-Pacific market size and forecast

## 6.5. LAMEA

### 6.5.1. Key market trends

### 6.5.2. Growth factors and opportunities

### 6.5.3. Market size and forecast

### 6.5.4. Brazil market size and forecast

### 6.5.5. Saudi Arabia market size and forecast

### 6.5.6. South Africa market size and forecast

### 6.5.7. Rest of LAMEA market size and forecast

## CHAPTER 7 COMPANY PROFILES

## 7.1. ALPHATEC HOLDINGS, INC.

- 7.1.1. Company overview
- 7.1.2. Company snapshot
- 7.1.3. Operating product categories
- 7.1.4. Business Performance
- 7.1.5. Key strategic moves and developments, 2014-2016

## 7.2. B. BRAUN MELSUNGEN AG

- 7.2.1. Company overview
- 7.2.2. Company snapshot
- 7.2.3. Operating business segments
- 7.2.4. Business performance

## 7.3. EXACTECH, INC.

- 7.3.1. Company overview
- 7.3.2. Company snapshot
- 7.3.3. Operating business segments
- 7.3.4. Business performance
- 7.3.5. Key strategic moves and developments, 2014-2016
- 7.3.6. Key strategic share, 2014-2016 (%)

## 7.4. JOHNSON & JOHNSON

- 7.4.1. Company overview
- 7.4.2. Company snapshot
- 7.4.3. Operating business segments
- 7.4.4. Business performance
- 7.4.5. Key strategic moves and developments, 2014-2016

## 7.5. GLOBUS MEDICAL, INC.

- 7.5.1. Company overview
- 7.5.2. Company snapshot
- 7.5.3. Operating product categories
- 7.5.4. Business performance
- 7.5.5. Key strategic moves and developments, 2014-2016
- 7.5.6. Key strategy share, 2014-2016 (%)

## 7.6. MEDTRONIC PLC

- 7.6.1. Company overview
- 7.6.2. Company snapshot
- 7.6.3. Operating business segments
- 7.6.4. Business performance
- 7.6.5. Key strategic moves and developments, 2014-2016
- 7.6.6. Key strategy share, 2014-2016 (%)

## 7.7. NUVASIVE, INC.

7.7.1. Company overview

7.7.2. Company snapshot

7.7.3. Operating business segments

7.7.4. Business performance

7.7.5. Key strategic moves and developments, 2014-2016

7.7.6. Key strategy share, 2014-2016 (%)

## 7.8. ORTHOFIX INTERNATIONAL N.V.

7.8.1. Company overview

7.8.2. Company snapshot

7.8.3. Operating business segments

7.8.4. Business performance

7.8.5. Key strategic moves and developments, 2014-2016

7.8.6. Key strategy share, 2014-2016 (%)

## 7.9. STRYKER CORPORATION

7.9.1. Company overview

7.9.2. Company snapshot

7.9.3. Operating business segments

7.9.4. Business performance

7.9.5. Key strategic moves and developments, 2014-2016

## 7.10. ZIMMER BIOMET HOLDINGS, INC.

7.10.1. Company overview

7.10.2. Company snapshot

7.10.3. Operating product categories

7.10.4. Business performance

7.10.5. Key strategic moves and developments, 2014-2016

7.10.6. Key strategy share, 2014-2016(%)

## List Of Tables

### LIST OF TABLES

TABLE 1. GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY TYPE (\$MILLION), 2014-2022

TABLE 2. GLOBAL SPINAL IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014-2022

TABLE 3. GLOBAL SPINAL FUSION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 4. GLOBAL SPINAL FUSION DEVICES MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 5. GLOBAL SPINAL FUSION DEVICE IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014 - 2022

TABLE 6. GLOBAL THORACOLUMBAR FUSION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 7. GLOBAL CERVICAL FIXATION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 8. GLOBAL INTERBODY FUSION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 9. GLOBAL MOTION PRESERVATION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 10. GLOBAL MOTION PRESERVATION DEVICES MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 11. GLOBAL MOTION PRESERVATION DEVICE IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014-2022

TABLE 12. GLOBAL DYNAMIC STABILIZATION DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 13. GLOBAL ARTIFICIAL DISCS MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 14. GLOBAL VCF DEVICES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 15. GLOBAL VCF DEVICES MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 16. GLOBAL VCF DEVICE IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014-2022

TABLE 17. GLOBAL SPINAL BONE STIMULATORS MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 18. GLOBAL SPINAL BONE STIMULATORS MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 19. GLOBAL SPINAL BONE STIMULATOR IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014-2022

TABLE 20. GLOBAL NON-INVASIVE SPINAL BONE STIMULATORS MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 21. GLOBAL SPINE BIOLOGICS MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 22. GLOBAL SPINE BIOLOGICS MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 23. GLOBAL SPINE BIOLOGICS IMPLANTATIONS, BY TYPE (THOUSAND UNITS), 2014-2022

TABLE 24. GLOBAL SPINAL ALLOGRAFT MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 25. GLOBAL BONE GRAFT SUBSTITUTES MARKET, BY TYPE (\$MILLION), 2014 - 2022

TABLE 26. GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY SURGERY TYPE (\$MILLION), 2014-2022

TABLE 27. GLOBAL OPEN SPINE SURGERY MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 28. GLOBAL MINIMALLY INVASIVE SPINE SURGERY MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 29. GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY REGION (\$MILLION), 2014-2022

TABLE 30. NEW PROCEDURE CODES ON THE ASC PAYABLE LIST

TABLE 31. NORTH AMERICA SPINAL IMPLANTS AND DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 32. NORTH AMERICA SPINAL FUSION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 33. NORTH AMERICA MOTION PRESERVATION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 34. NORTH AMERICA VCF DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 35. NORTH AMERICA SPINAL BONE STIMULATORS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 36. NORTH AMERICA SPINE BIOLOGICS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 37. EUROPE SPINAL IMPLANTS AND DEVICES MARKET, BY COUNTRY, (\$MILLION) 2014-2022

TABLE 38. EUROPE SPINAL FUSION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 39. EUROPE MOTION PRESERVATION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 40. EUROPE VCF DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022



TABLE 41. EUROPE SPINAL BONE STIMULATORS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 42. EUROPE SPINE BIOLOGICS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 43. ASIA-PACIFIC SPINAL IMPLANTS AND DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 44. ASIA-PACIFIC SPINAL FUSION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 45. ASIA-PACIFIC MOTION PRESERVATION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 46. ASIA-PACIFIC VCF DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 47. ASIA-PACIFIC SPINAL BONE STIMULATORS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 48. ASIA-PACIFIC SPINE BIOLOGICS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 49. LAMEA SPINAL IMPLANTS AND DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 50. LAMEA SPINAL FUSION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 51. LAMEA MOTION PRESERVATION DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 52. LAMEA VCF DEVICES MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 53. LAMEA SPINAL BONE STIMULATORS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 54. LAMEA SPINAL BIOLOGICS MARKET, BY COUNTRY (\$MILLION), 2014-2022

TABLE 55. ALPHATEC: COMPANY SNAPSHOT

TABLE 56. ALPHATEC: PRODUCT CATEGORIES

TABLE 57. B. BRAUN: COMPANY SNAPSHOT

TABLE 58. B. BRAUN: BUSINESS SEGMENTS

TABLE 59. EXACTECH: COMPANY SNAPSHOT

TABLE 60. EXACTECH: BUSINESS SEGMENTS

TABLE 61. J&J: COMPANY SNAPSHOT

TABLE 62. J&J: BUSINESS SEGMENTS

TABLE 63. GLOBUS MEDICAL: COMPANY SNAPSHOT

TABLE 64. GLOBUS MEDICAL: PRODUCT CATEGORIES

TABLE 65. MEDTRONIC: COMPANY SNAPSHOT

TABLE 66. MEDTRONIC: BUSINESS SEGMENTS



TABLE 67. NUVASIVE: COMPANY SNAPSHOT

TABLE 68. NUVASIVE: BUSINESS SEGMENTS

TABLE 69. ORTHOFIX: COMPANY SNAPSHOT

TABLE 70. ORTHOFIX: BUSINESS SEGMENTS

TABLE 71. STRYKER: COMPANY SNAPSHOT

TABLE 72. STRYKER: BUSINESS SEGMENTS

TABLE 73. ZIMMER BIOMET: COMPANY SNAPSHOT

TABLE 74. ZIMMER BIOMET: BUSINESS SEGMENTS

## List Of Figures

### LIST OF FIGURES

FIGURE 1. GLOBAL SPINAL IMPLANTS AND DEVICES MARKET, BY TYPE (\$MILLION), 2015 VS 2022

FIGURE 2. MARKET SEGMENTATION

FIGURE 3. TOP WINNING STRATEGIES, 2014-2016 (%)

FIGURE 4. TOP WINNING STRATEGIES, ORGANIC AND INORGANIC

FIGURE 5. TOP COMPANIES AND THEIR STRATEGIES

FIGURE 6. DEVELOPMENT STRATEGIES ADOPTED BY COMPANIES

FIGURE 7. DEVELOPMENT STRATEGIES ADOPTED BY COMPANIES

FIGURE 8. TOP INVESTMENT POCKETS

FIGURE 9. MARKET SHARE ANALYSIS, 2015

FIGURE 10. LOW BACK PAIN HEALTH CARE VISITS PER 100 PERSONS, U.S., 2010

FIGURE 11. BARGAINING POWER OF BUYERS, 2015

FIGURE 12. BARGAINING POWER OF SUPPLIERS

FIGURE 13. THREAT OF SUBSTITUTES

FIGURE 14. THREAT OF NEW ENTRANTS

FIGURE 15. COMPETITIVE RIVALRY

FIGURE 16. SPINAL IMPLANTS AND DEVICES MARKET FOR ANTERIOR LUMBAR PLATES (\$MILLION), 2014-2022

FIGURE 17. SPINAL IMPLANTS AND DEVICES MARKET FOR LUMBAR PLATES (\$MILLION), 2014-2022

FIGURE 18. SPINAL IMPLANTS AND DEVICES MARKET FOR PEDICLE SCREW(\$MILLION), 2014-2022

FIGURE 19. SPINAL IMPLANTS AND DEVICES MARKET FOR RODS(\$MILLION), 2014-2022

FIGURE 20. SPINAL IMPLANTS AND DEVICES MARKET FOR HOOKS (\$MILLION), 2014-2022

FIGURE 21. SPINAL IMPLANTS AND DEVICES MARKET FOR WIRES AND CABLES (\$MILLION), 2014-2022

FIGURE 22. SPINAL IMPLANTS AND DEVICES MARKET FOR CROSSLINKS (\$MILLION) 2014-2022

FIGURE 23. SPINAL IMPLANTS AND DEVICES MARKET FOR ANTERIOR CERVICAL PLATES (\$MILLION), 2014-2022

FIGURE 24. SPINAL IMPLANTS AND DEVICES MARKET FOR HOOK FIXATION SYSTEMS (\$MILLION), 2014-2022

FIGURE 25. SPINAL IMPLANTS AND DEVICES MARKET FOR PLATES AND SCREWS (\$MILLION), 2014-2022

FIGURE 26. SPINAL IMPLANTS AND DEVICES MARKET FOR CLAMPS (\$MILLION), 2014-2022

FIGURE 27. SPINAL IMPLANTS AND DEVICES MARKET FOR WIRES (\$MILLION), 2014-2022

FIGURE 28. SPINAL IMPLANTS AND DEVICES MARKET FOR NON-BONE INTERBODY FUSION (\$MILLION), 2014-2022

FIGURE 29. SPINAL IMPLANTS AND DEVICES MARKET FOR BONE INTERBODY FUSION (\$MILLION), 2014-2022

FIGURE 30. SPINAL IMPLANTS AND DEVICES MARKET FOR INTERSPINOUS PROCESS SPACERS (\$MILLION), 2014-2022

FIGURE 31. SPINAL IMPLANTS AND DEVICES MARKET FOR PEDICLE-BASED DYNAMIC RODS (\$MILLION), 2014-2022

FIGURE 32. SPINAL IMPLANTS AND DEVICES MARKET FOR FACET REPLACEMENT DEVICE (\$MILLION), 2014-2022

FIGURE 33. SPINAL IMPLANTS AND DEVICES MARKET FOR ARTIFICIAL CERVICAL DISCS (\$MILLION), 2014-2022

FIGURE 34. SPINAL IMPLANTS AND DEVICES MARKET FOR ARTIFICIAL LUMBAR DISCS (\$MILLION), 2014-2022

FIGURE 35. SPINAL IMPLANTS AND DEVICES MARKET FOR ANNULUS REPAIR DEVICE (\$MILLION), 2014-2022

FIGURE 36. SPINAL IMPLANTS AND DEVICES MARKET FOR NUCLEUS DISC PROSTHESIS DEVICE (\$MILLION), 2014-2022

FIGURE 37. SPINAL IMPLANTS AND DEVICES MARKET FOR BALLOON KYPHOPLASTY DEVICE (\$MILLION), 2014-2022

FIGURE 38. SPINAL IMPLANTS AND DEVICES MARKET FOR VERTEBROPLASTY DEVICE (\$MILLION), 2014-2022

FIGURE 39. SPINAL IMPLANTS AND DEVICES MARKET, FOR PULSED ELECTROMAGNETIC FIELD DEVICE, 2014-2022 (\$MILLION)

FIGURE 40. SPINAL IMPLANTS AND DEVICES MARKET FOR CC AND CMF DEVICES (\$MILLION), 2014-2022

FIGURE 41. SPINAL IMPLANTS AND DEVICES MARKET FOR INVASIVE SPINE BONE STIMULATORS (\$MILLION), 2014-2022

FIGURE 42. SPINAL IMPLANTS AND DEVICES MARKET FOR MACHINED ALLOGRAFTS (\$MILLION), 2014-2022

FIGURE 43. SPINAL IMPLANTS AND DEVICES MARKET FOR DEMINERALIZED BONE MATRIX (\$MILLION), 2014-2022

FIGURE 44. SPINAL IMPLANTS AND DEVICES MARKET FOR BMP (\$MILLION),

2014-2022

FIGURE 45. SPINAL IMPLANTS AND DEVICES MARKET FOR SYNTHETIC BONE GRAFTS (\$MILLION), 2014-2022

FIGURE 46. SPINAL IMPLANTS AND DEVICES MARKET FOR CELL BASED MATRIX (\$MILLION), 2014-2022

FIGURE 47. FUSION PROCEDURES IN U.S.

FIGURE 48. DISTRIBUTION OF SPINE FUSION PROCEDURE BY SPINE SECTION FOR HOSPITAL DISCHARGE PATIENTS, U.S., 2011

FIGURE 49. U.S.: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 50. CANADA: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 51. MEXICO: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 52. POPULATION STRUCTURE BY MAJOR AGE GROUPS, EU-28

FIGURE 53. FRANCE: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 54. GERMANY: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 55. UK: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 56. SPAIN: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 57. ITALY: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 58. REST OF EUROPE: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 59. INDIA: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 60. CHINA: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 61. JAPAN: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 62. SOUTH KOREA: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 63. AUSTRALIA: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 64. REST OF ASIA-PACIFIC: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION), 2014-2022

FIGURE 65. BRAZIL: SPINAL IMPLANTS AND DEVICES MARKET (\$MILLION),

2014-2022

FIGURE 66. SAUDI ARABIA: SPINAL IMPLANTS AND DEVICES MARKET  
(\$MILLION), 2014-2022

FIGURE 67. SOUTH AFRICA: SPINAL IMPLANTS AND DEVICES MARKET  
(\$MILLION), 2014-2022

FIGURE 68. REST OF LAMEA: SPINAL IMPLANTS AND DEVICES MARKET  
(\$MILLION), 2014-2022

## I would like to order

Product name: Spinal Implants and Devices Market by Product (Spinal Fusion Devices, Non-Fusion/Motion Preservation Devices, Vertebral Compression Fracture Treatment Devices, Spinal Bone Stimulators, and Spine Biologics) and Surgery (Open Spine Surgery and Minimally Invasive Spine Surgery) & Implantation Statistics - Global Opportunity Analysis and Industry Forecast, 2014-2022

Product link: <https://marketpublishers.com/r/S29115D6684EN.html>

Price: US\$ 5,540.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S29115D6684EN.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**

Customer 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