

# **Middle East & Africa Pedicle Screws Market Forecast to 2030 – Regional Analysis – by Product Type (Polyaxial Pedicle Screw Systems, Monoaxial Pedicle Screw Systems, and Other Pedicle Screw Systems), Application (Thoracolumbar Fracture, Spinal Tumor, Scoliosis, Failed Spine Fusion, and Spondylitis), Surgery Type (Open Surgery and Minimally Invasive Surgery), and End User (Hospitals, Ambulatory Surgical Centers, and Other End User)**

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## **Abstracts**

The Middle East & Africa pedicle screws market was valued at US\$ 52.67 million in 2022 and is expected to reach US\$ 72.91 million by 2030; it is estimated to grow at a CAGR of 4.0% from 2022 to 2030 .

Increasing Key Activities of Market Players in the Pedicle Screw Market fuel the Middle East & Africa Pedicle Screws Market

Recent product launches in the pedicle screw market include expansion, acquisitions, and strategic collaborations among the market players. For instance, in May 2023, Intelivation Technologies launched a new minimally invasive pedicle screw system, i.e., 'Golden Isles' minimally invasive screw, a percutaneous system that increases visualization and procedural flexibility for surgeons and results in minimal soft tissue disruption. Similarly, in June 2023, IMPLANET, a medical device technology specialized in orthopedic surgery, launched a minimally invasive pedicle screw positioning system. The product was a result of its partner Sanyou Medical. The companies in the market are also involved in expanding their pedicle screw business. For instance, in September

2021, Biedermann Motech developed the world's first polyaxial pedicle screw (MOSS System) and declared that its most advanced system, the MOSS VRS pedicle screw platform, was fully modular. Similarly, in September 2021, Medtronic plc. declared its latest additions of its spine products i.e. Catalyft PL and PL40, The Space-D Access System, Accelerate Graft Delivery System with Grafton DBF to its minimally invasive spine surgery ecosystem. With this the company becomes a combination of navigation, biologics, spinal implants, robotics, and AI-powered data company to patients and surgeons. With respect to the strategic collaborations in the market, in September 2022, Omnia Medical and SpineGuard declared a strategic alliance for adult spine surgery in the United States. The partnership includes involvement of two novel devices i.e. a smart pedicle screw system and a smart drilling tool for sacroiliac joint fusion, both inserting the DSG (Dynamic Surgical Guidance) technology. The partnership also represents a strong mutual commitment providing advantages to surgeons and healthcare providers in the medical device industry.

## Middle East & Africa Pedicle Screws Market Overview

The growth of the Middle East & Africa pedicle screw market is majorly attributed to the increasing geriatric population, growing overall healthcare expenditure, surging cases of bone diseases, elevating demand for spinal procedures, and improved healthcare facilities. Pedicle screws are projected to be in high demand due to the increasing incidence of various spinal and orthopedic ailments. These screws are more advanced than traditional rod and hook structures, and rapid growth in lifestyle-related spinal problems is further adding to their popularity in the Middle East & Africa. Saudi Arabia is one of the important Middle Eastern countries with significant scope for the pedicle screw market owing to the advanced healthcare system in the country. The cases of spinal fractures and dislocations due to trauma are steadily increasing in the country. According to research published by the National Library of Medicine (NLM), Saudi Arabia records ~80% of the total spinal injuries. As per the Ministerial Committee of Traffic Safety, ~24,000 injuries were registered due to car accidents in 2022. The increase in road accidents leading to an upsurge in the cases of spinal fractures, sprains, and ligament damage propel the growth of the pedicle screw market in this country.

## Middle East & Africa Pedicle Screws Market Revenue and Forecast to 2030 (US\$ Million)

## Middle East & Africa Pedicle Screws Market Segmentation

The Middle East & Africa pedicle screws market is segmented based on product type, application, end user, surgery type, and country.

Based on product type, the Middle East & Africa pedicle screws market is segmented into polyaxial pedicle screw systems, monoaxial pedicle screw systems, and other pedicle screw systems. The polyaxial pedicle screw systems segment held the largest market share in 2022.

Based on application, the Middle East & Africa pedicle screws market is segmented into thoracolumbar fracture, spinal tumor, scoliosis, failed fusion, and spondylitis. The thoracolumbar fracture segment held the largest market share in 2022.

Based on surgery type, the Middle East & Africa pedicle screws market is bifurcated into open surgery and minimally invasive surgery. The open surgery segment held a larger market share in 2022.

Based on end user, the Middle East & Africa pedicle screws market is segmented into hospitals, ambulatory surgical centers, and other end users. The hospitals segment held the largest market share in 2022.

Based on country, the Middle East & Africa pedicle screws market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa pedicle screws market share in 2022.

Zimmer Biomet; Globus Medical Inc.; B. Braun SE; Stryker Corp; and Medtronic PLC are some of the leading players operating in the Middle East & Africa pedicle screws market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET - KEY INDUSTRY DYNAMICS**

- 4.1 Key Market Drivers
  - 4.1.1 Unprecedented Shift Towards Aging Population Prone to Spinal Disorders
  - 4.1.2 Integration of 3D Printing Technology in Spinal Surgeries
- 4.2 Key Market Restraints
  - 4.2.1 Regulatory Hurdles and Challenges Associated with Pedicle Screw Fixation
- 4.3 Key Market Opportunities
  - 4.3.1 Increasing Adoption of Minimally Invasive Surgeries Contributing to Market Expansion
- 4.4 Key Market Trends
  - 4.4.1 Increasing Key Activities of Market Players in the Pedicle Screw Market
- 4.5 Impact Analysis

### **5. PEDICLE SCREW MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS**

- 5.1 Middle East & Africa Pedicle Screw Market Revenue (US\$ Mn), 2022 – 2030

### **6. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET – REVENUE AND FORECAST TO 2030 – BY PRODUCT**

## 6.1 Overview

### 6.2 Pedicle Screw Market Revenue Share, by Product 2022 & 2030 (%)

## 6.3 Polyaxial Pedicle Screw System

### 6.3.1 Overview

### 6.3.2 Polyaxial Pedicle Screw System : Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## 6.4 Monoaxial Pedicle Screw System

### 6.4.1 Overview

### 6.4.2 Monoaxial Pedicle Screw System: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

### 6.4.3 Other Pedicle Screw System

### 6.4.4 Other Pedicle Screw System: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## **7. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET – REVENUE AND FORECAST TO 2030 – BY SURGERY TYPE**

## 7.1 Overview

### 7.2 Pedicle Screw Market Revenue Share, by Type 2022 & 2030 (%)

## 7.3 Open Surgery Type

### 7.3.1 Overview

### 7.3.2 Open Surgery : Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## 7.4 Minimally Invasive Spine Surgery Type

### 7.4.1 Overview

### 7.4.2 Minimally Invasive Surgery: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## **8. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET – REVENUE AND FORECAST TO 2030 – BY APPLICATION**

## 8.1 Overview

### 8.2 Pedicle Screw Market Revenue Share, by Application 2022 & 2030 (%)

## 8.3 Thoracolumbar Fracture

### 8.3.1 Overview

### 8.3.2 Thoracolumbar Fracture: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## 8.4 Spinal Tumor

### 8.4.1 Overview

8.4.2 Spinal Tumor: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

8.5 Scoliosis

8.5.1 Overview

8.5.2 Scoliosis: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

8.6 Failed Spinal Fusion

8.6.1 Overview

8.6.2 Failed Spinal Fusion: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

8.7 Spondylitis

8.7.1 Overview

8.7.2 Spondylitis: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## **9. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET – REVENUE AND FORECAST TO 2030 – BY END USER**

9.1 Overview

9.2 Pedicle Screw Market Revenue Share, by End User 2022 & 2030 (%)

9.3 Hospitals

9.3.1 Overview

9.3.2 Hospitals: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Ambulatory Surgical Centres (ASCs)

9.4.1 Overview

9.4.2 Ambulatory Surgical Centers: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

9.5 Specialty Clinics

9.5.1 Overview

9.5.2 Specialty Clinics: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

## **10. MIDDLE EAST & AFRICA PEDICLE SCREW MARKET – REVENUE AND FORECAST TO 2030 – COUNTRY ANALYSIS**

10.1 Middle East & Africa Pedicle Screw Market

10.1.1 Overview

10.1.2 Middle East & Africa: Pedicle Screw Market, by Country, 2022 & 2030 (%)

10.1.2.1 Saudi Arabia: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.1.1 Overview

10.1.2.1.2 Saudi Arabia: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.1.3 Saudi Arabia: Pedicle Screw Market, by Product, 2020–2030 (US\$ Million)

10.1.2.1.4 Saudi Arabia: Pedicle Screw Market, by Type, 2020–2030 (US\$ Million)

10.1.2.1.5 Saudi Arabia: Pedicle Screw Market, by Surgery Type, 2020–2030 (US\$ Million)

10.1.2.1.6 Saudi Arabia: Pedicle Screw Market, by End User, 2020–2030 (US\$ Million)

10.1.2.2 UAE: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.2.1 Overview

10.1.2.2.2 UAE: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.2.3 UAE: Pedicle Screw Market, by Product, 2020–2030 (US\$ Million)

10.1.2.2.4 UAE: Pedicle Screw Market, by Type, 2020–2030 (US\$ Million)

10.1.2.2.5 UAE: Pedicle Screw Market, by Surgery Type, 2020–2030 (US\$ Million)

10.1.2.2.6 UAE: Pedicle Screw Market, by End User, 2020–2030 (US\$ Million)

10.1.2.3 South Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.3.1 Overview

10.1.2.3.2 South Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.3.3 South Africa: Pedicle Screw Market, by Product, 2020–2030 (US\$ Million)

10.1.2.3.4 South Africa: Pedicle Screw Market, by Type, 2020–2030 (US\$ Million)

10.1.2.3.5 South Africa: Pedicle Screw Market, by Surgery Type, 2020–2030 (US\$ Million)

10.1.2.3.6 South Africa: Pedicle Screw Market, by End User, 2020–2030 (US\$ Million)

10.1.2.4 Rest of Middle East & Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.4.1 Overview

10.1.2.4.2 Rest of Middle East & Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.2.4.3 Rest of Middle East & Africa: Pedicle Screw Market, by Product, 2020–2030 (US\$ Million)

10.1.2.4.4 Rest of Middle East & Africa: Pedicle Screw Market, by Type, 2020–2030 (US\$ Million)

10.1.2.4.5 Rest of Middle East & Africa: Pedicle Screw Market, by Surgery Type, 2020–2030 (US\$ Million)

10.1.2.4.6 Rest of Middle East & Africa: Pedicle Screw Market, by End User, 2020–2030 (US\$ Million)

## **11. INDUSTRY LANDSCAPE**

- 11.1 Overview
- 11.2 Growth Strategies in Pedicle Screw Market
- 11.3 Organic Growth Strategies
  - 11.3.1 Overview
- 11.4 Inorganic Growth Strategies
  - 11.4.1 Overview

## **12. COMPANY PROFILES**

- 12.1 Zimmer Biomet Holdings Inc
  - 12.1.1 Key Facts
  - 12.1.2 Business Description
  - 12.1.3 Products and Services
  - 12.1.4 Financial Overview
  - 12.1.5 SWOT Analysis
  - 12.1.6 Key Developments
- 12.2 Globus Medical Inc
  - 12.2.1 Key Facts
  - 12.2.2 Business Description
  - 12.2.3 Products and Services
  - 12.2.4 Financial Overview
  - 12.2.5 SWOT Analysis
  - 12.2.6 Key Developments
- 12.3 B. Braun SE
  - 12.3.1 Key Facts
  - 12.3.2 Business Description
  - 12.3.3 Products and Services
  - 12.3.4 Financial Overview
  - 12.3.5 SWOT Analysis
  - 12.3.6 Key Developments
- 12.4 Stryker Corp
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services



12.4.4 Financial Overview

12.4.5 SWOT Analysis

12.4.6 Key Developments

12.5 Medtronic Plc

12.5.1 Key Facts

12.5.2 Business Description

12.5.3 Products and Services

12.5.4 Financial Overview

12.5.5 SWOT Analysis

12.5.6 Key Developments

## **13. APPENDIX**

13.1 About Us

13.2 Glossary of Terms

## List Of Tables

### LIST OF TABLES

- Table 1. Middle East & Africa Pedicle Screw Market Segmentation
- Table 2. Companies Offering Polyaxial Pedicle Screw Systems
- Table 3. Companies Offering Monoaxial Pedicle Screw System
- Table 4. Saudi Arabia Pedicle Screw Market, by Product – Revenue and Forecast to 2030 (US\$ Million)
- Table 5. Saudi Arabia Pedicle Screw Market, by Type– Revenue and Forecast to 2030 (US\$ Million)
- Table 6. Saudi Arabia Pedicle Screw Market, by Surgery Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 7. Saudi Arabia Pedicle Screw Market, by End User – Revenue and Forecast to 2030 (US\$ Million)
- Table 8. UAE Pedicle Screw Market, by Product – Revenue and Forecast to 2030 (US\$ Million)
- Table 9. UAE Pedicle Screw Market, by Type– Revenue and Forecast to 2030 (US\$ Million)
- Table 10. UAE Pedicle Screw Market, by Surgery Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 11. UAE Pedicle Screw Market, by End User – Revenue and Forecast to 2030 (US\$ Million)
- Table 12. South Africa Pedicle Screw Market, by Product – Revenue and Forecast to 2030 (US\$ Million)
- Table 13. South Africa Pedicle Screw Market, by Type– Revenue and Forecast to 2030 (US\$ Million)
- Table 14. South Africa Pedicle Screw Market, by Surgery Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 15. South Africa Pedicle Screw Market, by End User – Revenue and Forecast to 2030 (US\$ Million)
- Table 16. Rest of Middle East & Africa Pedicle Screw Market, by Product – Revenue and Forecast to 2030 (US\$ Million)
- Table 17. Rest of Middle East & Africa Pedicle Screw Market, by Type– Revenue and Forecast to 2030 (US\$ Million)
- Table 18. Rest of Middle East & Africa Pedicle Screw Market, by Surgery Type – Revenue and Forecast to 2030 (US\$ Million)
- Table 19. Rest of Middle East & Africa Pedicle Screw Market, by End User – Revenue and Forecast to 2030 (US\$ Million)

Table 20. Recent Organic Growth Strategies in Pedicle Screw Market

Table 21. Recent Inorganic Growth Strategies in the Pedicle Screw Market

Table 22. Glossary of Terms, Middle East & Africa Pedicle Screw Market

## List Of Figures

### LIST OF FIGURES

Figure 1. Middle East & Africa Pedicle Screw Market Segmentation, By Country

Figure 2. Middle East & Africa Pedicle Screw Market - Key Industry Dynamics

Figure 3. Incidence of Subsequent Vertebral Fractures in Two Groups in Aging Population-Based Study

Figure 4. Middle East & Africa Pedicle Screw Market: Impact Analysis of Drivers and Restraints

Figure 5. Middle East & Africa Pedicle Screw Market Revenue (US\$ Mn), 2022 – 2030

Figure 6. Middle East & Africa Pedicle Screw Market Revenue Share, by Product 2022 & 2030 (%)

Figure 7. Polyaxial Pedicle Screw System: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Monoaxial Pedicle Screw System: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 9. Other Pedicle Screw System: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 10. Middle East & Africa Pedicle Screw Market Revenue Share, by Type 2022 & 2030 (%)

Figure 11. Open Surgery: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 12. Minimally Invasive Surgery: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 13. Middle East & Africa Pedicle Screw Market Revenue Share, by Application 2022 & 2030 (%)

Figure 14. Thoracolumbar Fracture: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 15. Spinal Tumor: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 16. Scoliosis: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 17. Failed Spinal Fusion: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 18. Spondylitis: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 19. Middle East & Africa Pedicle Screw Market Revenue Share, by End User 2022 & 2030 (%)

Figure 20. Hospitals: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Ambulatory Surgical Centers: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 22. Specialty Clinics: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 23. Middle East & Africa: Pedicle Screw Market, by Key Country – Revenue (2022) (US\$ Million)

Figure 24. Middle East & Africa: Pedicle Screw Market, by Country, 2022 & 2030 (%)

Figure 25. Saudi Arabia: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 26. UAE: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 27. South Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 28. Rest of Middle East & Africa: Pedicle Screw Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 29. Growth Strategies in Pedicle Screw Market

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