

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.

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