

South & Central America Spinal Fusion Devices
Market Forecast to 2030 – Regional Analysis – By
Product Type (Thoracolumbar Devices, Cervical
Fixation Devices, and Interbody Fusion Devices),
Surgery Type (Open Spine Surgery and Minimally
Invasive Spine Surgery), Disease Indications
(Degenerative Disc, Trauma and Fractures, Complex
Deformity, and Others), and End User (Hospitals,
Specialty Clinics, and Others)

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Abstracts

The South & Central America spinal fusion devices market was valued at US\$ 250.13 million in 2022 and is expected to reach US\$ 360.04 million by 2030; it is estimated to grow at a CAGR of 4.7% from 2022 to 20 30.

Surging Number of Spinal Fusion Procedures Fuels the South & Central America Spinal Fusion Devices Market

In recent years, there has been a rise in spinal fusion procedures worldwide due to growing innovations in surgical approaches. Technological developments have offered a wide variety of interbody devices. The newly introduced spinal fusion devices are now used as alternatives in bone grafting materials, increasing the number of spine fusion procedures. The advancements in spinal fusion techniques have allowed the use of pedicle screws for posterior instrumentation, which has leveraged market growth. Similarly, the introduction of spinal fusion methods, with interbody fusion with standalone cages and with anterior, lateral, or posterior approaches, designed for different surgical indications and surgeon preferences, and patient conditions have significantly



increased the number of spinal fusion procedures.

The aging demographic, coupled with lifestyle-related factors has led to a substantial increase in individuals experiencing spinal issues such as degenerative disc disease and spinal deformities. The demographic shift has created a growing pool of patients seeking effective interventions, with spinal fusion procedures emerging as a prominent solution. Thus, considering the projection for spinal fusion procedures, the market is likely to accelerate significantly during the forecast period and will have substantial market growth beyond the forecast period.

South & Central America Spinal Fusion Devices Market Overview

Brazil is rapidly developing its healthcare system and has the presence of well-established players. According to the World Health Organization (WHO), Brazil has an advanced healthcare system in South & Central America that is likely to offer significant growth opportunities for the market. Additionally, the country has the 11th largest elderly population in the world. As per Brazil's Ministry of Health, by 2030, Brazil is anticipated to rank fifth in geriatric population worldwide. The WHO estimated that the elderly population will have increased by more than 300%, and the overall population will grow by 30% by 2050 in the country. According to the Pan American Health Organization (PAHO), in 2022, Brazil had more than 30 million people aged above 60, which represents 30% of the total population. The number of people aged above 60 is expected to reach ~50 million, which is likely to represent 24% of the total population of Brazil by 2050. According to the International Olympiad Foundation (IOF), the lifetime prevalence of fractures is 37.5% among men and 21% among women. The geriatric population is at a greater risk of fractures due to low bone density, which is expected to boost the demand for spinal fusion devices.

South & Central America Spinal Fusion Devices Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Spinal Fusion Devices Market Segmentation

The South & Central America spinal fusion devices market is segmented based on product type, surgery type, disease indications, end user, and country.

Based on product type, the South & Central America spinal fusion devices market is segmented into thoracolumbar devices, cervical fixation devices, and interbody fusion devices. The thoracolumbar devices segment held the largest share in 2022.



By surgery type, the South & Central America spinal fusion devices market is bifurcated into open spine surgery and minimally invasive spine surgery. The open spine surgery segment held the largest share in 2022.

By disease indications, the South & Central America spinal fusion devices market is segmented into degenerative disc, trauma and fractures, complex deformity, and others. The degenerative disc segment held the largest share in 2022.

In terms of end users, the South & Central America spinal fusion devices market is categorized into hospitals, specialty clinics, and others. The hospitals segment held the largest share in 2022.

Based on country, the South & Central America spinal fusion devices market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America spinal fusion devices market in 2022.

B. Braun SE, DePuy Synthes Inc, Globus Medical Inc, Medtronic Plc, NuVasive Inc, Stryker Corp, and ZimVie Inc are some of the leading companies operating in the South & Central America spinal fusion devices market.



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