

Surgical Drills Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 115 pages | Mordor Intelligence

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Report description:

The surgical drills market is projected to register a CAGR of 5.6% during the forecast period (2022-2027).

COVID-19 severely impacted the market's growth due to the cancellation of elective surgeries during the pandemic to prevent the spread of infections. For instance, in 2020, the article titled 'Preserving Elective Surgeries in the COVID-19 Pandemic and the Future' mentioned that from March to June of the pandemic, this health system experienced significant declines in surgical volumes compared with the same period during the previous year, with a 27% reduction in orthopedic surgery cases and 34% reduction in breast surgery cases. Such factors impacted the growth of the market.

A growing number of surgical procedures due to sports injuries, accidents, dental surgeries, and orthopedic surgeries owing to a high prevalence of dental problems, orthopedic diseases, and other chronic conditions where the surgery is being suggested as mandatory is the major factor that is driving the Surgical Drills market. According to the article titled 'The epidemiology of edentulism and the associated factors: a literature review' published in 2020, the overall prevalence of edentulism was 16.3% in India and 9% in China. Mexico has a higher prevalence rate at 21.7%. Russia came at second place in prevalence at rates of 19%, and the prevalence in South Africa was 8.5%. The least prevalence rate was in Ghana at rate of 3%. The article titled 'Prevalence of Periodontal disease among adults in India: A systematic review and meta-analysis, published in December 2020, mentioned that the prevalence of periodontal disease was 51% and gingivitis was 46.6%. The prevalence of mild to moderate periodontitis was 26.2%, while it was 19% for severe periodontitis. Such prevalence of dental issues is expected to drive the growth of the market.

Additionally, the growth in the geriatric population worldwide and technological advancements in respective fields are the other factors fuelling the growth of the market globally. However, post-surgical complications associated with the surgical drills are

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expected to restrain the growth of the surgical drills market.

Surgical Drills Market Trends

Pneumatic Drills is expected to dominate the Global Surgical Drills Market

The pneumatic surgical drills segment is expected to witness healthy CAGR during the forecast period. Pneumatic drills employ pneumatic motors operated by expanding compacted air and are most commonly used in dental surgeries.

Pneumatic drills offer more torque that enables easier and faster drills which leads to minimal time consumption under anesthesia and safer surgical procedures. An increase in dental issues across the globe may lead to the rise in pneumatic drills. According to a research study published by Sergio E. Uribe et al. in March 2021, early childhood caries (ECC) is a global health concern that affects about half of the preschool children around the world, and the reported prevalence of ECC by continent was Africa 30%, America 48%, Asia 52%, Europe 43%, and Oceania 82%, while the global pooled prevalence was 48%. This data shows a high prevalence of ECC, which can be treated; thus, the number of dental visits is expected to increase during the forecast period, which would positively impact the growth of the studied segment during the forecast period. Therefore, an increasing number of dental/oral problems is expected to propel the growth of the pneumatic surgical drills segment globally.

North America is expected to dominate the Global Surgical Drills Market

North America holds a significant market share in the global surgical drills market and is expected to withstand its position over the forecast period owing to the availability of high-skilled surgeons in various fields in the region, rising incidence of road accidents, increasing need for orthopedic procedures, and dental procedures are driving the demand for the surgical drills in the region.

The article titled 'Fatality Facts 2020 State by State' published in 2020 mentioned that there were 35,766 fatal motor vehicle crashes in the United States in 2020, of which 38,824 deaths occurred. Additionally, the article titled 'How many orthopedic surgeons are in the United States?' in 2021 mentioned that nearly 1 million knee and hip arthroplasties were performed in 2021 alone in the country, which is expected to have a positive impact on the studied market. Additionally, an increase in research and development activities, quick adaptability to advanced technology, and favorable healthcare infrastructure are fueling the growth of the overall regional market to a large extent. Moreover, favorable government policies, well-established healthcare infrastructure, and the presence of multinational companies make this region dominant in this market.

Surgical Drills Market Competitor Analysis

The surgical drills market is very competitive, with most players competing to increase market shares. Strong competition, rapid technological advancements are key factors that confront the market. Key players in the market are Apothecaries Sundries Manufacturing Co., Bioanalytical Systems, Inc., GMI Ilerimplant group, Medtronic, Millennium Surgical Corp, Portescap, Stryker, Traumecc Health Technology, and Zimmer Biomet, amongst others.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

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