

Dental Chairs Market Assessment, By Design [Mobile Independent Design Dental Chairs, Ceiling Mounted Dental Chairs, Dental Chair Mounted Design, Orthodontic Dental Chairs], By Portability [Fixed Dental Chairs, Portable Dental Chairs], By Type [Powered Dental Chairs, Non-Powered Dental Chairs], By Application [Dental Examinations, Dental Surgeries, Orthodontics, Other Applications], By End-users [Hospitals, Dental Clinics, Ambulatory Surgical Centers, Others], By Region, Opportunities and Forecast, 2017-2031F

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Abstracts

Global dental chairs market size was valued at USD 739.28 million in 2023, and is expected to reach USD 1180.97 million in 2031, with a CAGR of 6.03% for the forecast period between 2024 and 2031F. The global dental chairs market is a fast-growing segment in the dental equipment market. Dental chairs are a must-have dental equipment for a practicing dentist. The high prevalence of dental problems, growing awareness about oral health, and the increasing number of dental clinics are major factors driving the demand for dental chairs globally.

Increasing consumption of junk food, changes in eating habits, fluoride exposure, wrong brushing methods, and smoking are responsible for the growth of oral diseases. The geriatric population is more prone to dental diseases, and the overall geriatric population of the globe is on the rise, further propelling the demand for dental chairs. In recent years, there has been a significant increase in dental graduates, particularly in

European and Asian countries, which is responsible for the demand for more dental chairs as new dental clinics are being established. Government initiatives for strengthening healthcare infrastructure also propel the expansion of the global dental chair market.

In June 2023, A-dec launched the first digitally connected dental chair and delivery system named A-dec 500 Pro and A-dec 300 Pro platforms. A-dec is recognized as a global manufacturer of dental equipment and solutions. Both delivery systems possess new user interfaces to enable the A-dec+ platform. The A-dec 500 Pro has a dynamic screen 7 touchscreen, and the A-dec 300 Pro features Control Pad 5i. The company announced that all new 311, 411, and 511 chairs, will be compatible with A-dec+ in addition to the A-dec 500 assistant's line, accepting software updates while offering the perks of a connected platform.

Growing Prevalence of Dental Diseases

Dental diseases are becoming common these days due to several factors like high intake of fast food, carbonated drinks, smoking, and alcohol consumption. The geriatric population is highly prone to dental problems like root caries, gum damage, xerostomia, and tooth loss, thus, they visit dentists on a regular basis. Chronic diseases like diabetes have comorbidities associated with dental and oral diseases, contributing to a significant portion of all oral disease cases.

Due to all these factors, the prevalence and incidence of dental diseases, including dental caries, periodontal (gum) diseases, edentulism, and oral cancer, is rising significantly. For instance, as per the factsheet of WHO, published in March 2023, 3.5 billion people worldwide, i.e. 3 out of 4 people have oral diseases. It is estimated that 2 billion people have caries of permanent teeth while 514 million children have caries of primary teeth. According to the Division of Oral Health, National Center for Chronic Disease Prevention and Health Promotion, around 34 million school hours and more than USD 45 billion in terms of productivity are lost each year due to unplanned or emergency dental care.

Growing Geriatric Population

The increase in the geriatric population is yet another factor that has significantly contributed to the rising demand for dental chairs. As people grow old, they often suffer from oral and dental disorders and age-linked chronic conditions like diabetes and hypertension. Periodontal, oral cancer and mouth sores are the most common oral

diseases among the geriatric population. As per WHO, one in six individuals will be 60 years of age or older by 2030. At this point, there will be 1.4 million people over the age of 60, up from 1 million in 2020. The number of individuals who are 60 years of age or older are expected to double (to 2.1 million) by 2050. It is anticipated that between 2020 and 2050, the number of people 80 years of age or older will grow threefold, reaching 426 million. As per the Division of Oral Health, National Center for Chronic Disease Prevention and Health Promotion, about 96% of adults aged 65 years or older have had a cavity and 1 in 5 have untreated tooth decay. About 68% of adults aged 65 years and older have gum diseases.

Powered Dental Chairs Segment is Expected to Dominate During the Forecast Period

The powered dental chairs segment in the global dental chairs market is expected to dominate during the forecast period in terms of value share and is anticipated to register a faster growth rate. Powered dental chairs operate using electricity and facilitate the procedure for both dentists as well as patients, thus are preferred over non-powered dental chairs which are comparatively difficult to work with. Dental manufacturers have identified the growing popularity of powered dental chairs; hence manufacturers are coming up with innovative solutions. For instance, in February 2023, KaVo uniQa, a modern dental chair product by KaVo Dental GmbH won German Design Award 2023. The product was launched in 2022 and has become quite popular among dental professionals with more than 1,000 units sold. The KaVo uniQa, is the first treatment unit in premium compact class.

North America is Expected to Lead the Market

With high investment in research and development activities, technological advancements by key players, and highly advanced healthcare infrastructure in countries, like the United States and Canada, the region is expected to dominate the market with the highest value share. The supportive government initiatives for managing the growing number of oral disease cases fuel market growth. The high disposable income and preference for better quality dental treatments in the region contribute to North America's dominance in the global dental chairs market.

Future Market Scenario

Over the past few years, there has been a significant increase in the number of dental graduates. These graduates are anticipated to work in dental clinics or set up their private clinics, which will further increase the demand for dental chairs. The increase

can be seen clearly in databases published by the United States and European organizations. For instance, as per the United States dentist demographic report published by the American Dental Association, there were 1,63,409 registered dentists in the United States in the year 2001 which was increased by 19.3% to 2,02,536 in 2022. The market is anticipated to witness a surge in demand for portable dental chairs, catering to the evolving dynamics of dental practices and the increasing popularity of mobile clinics. As dental technologies are introduced to innovations and changing patient expectations, the dental chairs market is poised for a transformative period focusing on enhanced functionality, infection prevention, and sustainable solutions.

Key Players Landscape and Outlook

Market players are expanding their product offerings and giving their customers access to a wide range of cutting-edge and novel products using a variety of strategies. To gain market share, companies are expanding the range of products they offer. Industry participants are using a variety of growth strategies, such as collaborations, mergers and acquisitions, product launches, and the development of new goods, to bolster their positions in the market.

In August 2023, Nakanishi Inc. ("NSK") acquired DCI International, which is the leading dental chair manufacturer in the United States. The deal comprised of acquisition for 51% stakes at first which was followed by a complete acquisition. The strategic acquisition is anticipated to propel further growth potential of both firms to serve customers.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

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