

Suction Tube - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The suction tube market is expected to grow with a CAGR of 5.8% in the forecast period.

COVID-19 has impacted the suction tube market owing to the high demand for suction tubes for treating prolonged endotracheal intubations in COVID-19 cases, globally. The production of ventilators by market players was significantly high during the pandemic. For instance, an article published in the Annals of the American Thoracic Society in March 2021, stated that the United States government entered into contracts to produce over 187 thousand ventilators during the pandemic. Airway suctioning is routinely done in most care settings, including acute care, sub-acute care, long-term care, and home settings. Endotracheal suctioning is an important component of tracheobronchial hygiene therapy in mechanically ventilated patients. Therefore, the suction tube market reported growth during the pandemic. However, the growth slightly seized since the COVID cases declined. The market is expected to show a stable growth rate during the forecast period due to the rising demand for suctioning in various applications such as dentistry and liposuction.

The factors driving the growth of the suction tubes market are the rising incidence of respiratory illnesses, including asthma and chest infections, sinus cases among children and adults, and the rising geriatric population which witnesses many health issues due to reduced immunity strength need for various treatments that involve the use of suction tubes.

For instance, a research article published in Springer Journal in February 2023, included 899 patients with moderate-to-severe (M/S) asthma, 683 patients with M/S chronic rhinosinusitis with nasal polyps (CRSwNP). The same article reported that patients with severe asthma, 43% also suffered from CRSwNP. The rising burden of asthma and rhinitis with nasal polyps is expected to boost the demand for suction tube for treating the polyps inside your nose and sinuses.

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In addition, an article published in the International Journal of Environmental Research and Public Health (IJERPH) in October 2021 stated that the prevalence of untreated caries ranged from 25% (Australia) to 99% (South Africa) in community dwellers and from 47% (India) to 99% (Vietnam) in institutionalized older adults. The global median of the mean prevalence of caries was 49% in 2021. Dental suction is commonly used during dental cleanings, oral surgeries, and cosmetic treatments to keep patients' teeth and mouths dry while the dentist is completing the treatment. Therefore, the high burden of dental caries worldwide in the geriatric population as well as adults is expected to accelerate the suction tube market growth during the forecast period.

Additionally, the strategic initiatives by market players such as product launches, approvals, and partnerships are also contributing to the market growth. For instance, in January 2022, P3 Medical launched the NeVap Aspire Subglottic Suction Endotracheal tube (ASSET) device designed to tighten infection control in airway management at Arab Health 2022. This device is the only FDA-approved multiport suction breathing tube developed by clinicians to make mechanical ventilation safer by preventing the risks of ventilator-associated pneumonia (VAP). The launches of products are expected to boost their utility thereby boosting the market growth during the forecast period.

Therefore, owing to the aforementioned factors such as the high burden of dental caries, respiratory and other diseases requiring the use of the suction tube, and rising product launches, the studied market is anticipated to witness growth over the analysis period. However, stringent government regulations for the manufacturing and marketing of suction tubes are expected to restrain the growth of the market over the forecast period.

Suction Tube Market Trends

Otorhinolaryngology is Expected to Hold a Significant Market Share Over The Forecast Period

Otorhinolaryngology is a medical specialty, especially concerning the ear, nose, & throat, (ENT) and related parts of the head and neck. ENT suction tubes remove small secretions from the nose, throat, or ears.

The high burden of ENT diseases such as sinusitis, allergic rhinitis, nasal polyps, ear infections, and other diseases is expected to propel the segment's growth during the forecast period. For instance, an article published by the European Journal of Allergy and Clinical Immunology in 2021 reported that allergic rhinitis (AR) is a global concern, particularly as the incidence of the disease has increased dramatically in recent years. In Europe, the prevalence of allergic rhinitis (AR) among Danish adults has progressively increased from 19% to 32% over the last three decades. In Asia, the standardized prevalence of adult allergic rhinitis (AR) in China has increased by 6.5% over recent years. Allergic rhinitis is associated with mucus deposition which boosts the use of a suction tube for treating it. Therefore, the high burden of such diseases is expected to augment the growth of the segment.

The research and development by market players, healthcare professionals, or government organizations are also expected to drive the segment's growth. For instance, in May 2022, the U.S. Army's Medical Research and Development Command, a federally designated research laboratory, applied for U.S. and international patents on ENT doctors' designs. Two doctors designed a tongue retractor with integrated fenestrated suction that clears the patient's oral cavity and protects the operating room staff from airborne pathogens. Such developments provide technology transfer opportunities for medical device manufacturers which are expected to increase the segment growth as the device is useful for ENT doctors.

Therefore, owing to the aforesaid factors such as the high burden of ENT diseases and rising research and development by market players and other healthcare organizations, the segment is expected to witness growth during the forecast period.

North America is Expected to Hold a Significant Market Share Over The Forecast Period

North America is expected to hold a significant share of the suction tube market owing to the high prevalence of COPD, the rising

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number of cosmetic surgical procedures, and technological advancements in products launched by market players.

According to the American Society of Plastic Surgeons, 2021 report, liposuction procedures increased by 66% and abdominoplasties (Tummy Tuck) by 49% in the United States in 2021 as compared to the previous year. Total liposuction procedures accounted for 0.5 million, and abdominoplasty procedures accounted for 0.24 million in the country in 2021. The high burden of these procedures requiring suction tubes for fat removal is expected to expand the market growth in the region during the forecast period.

Furthermore, according to the National Institute of Health (NIH), 2021 update, the prevalence of COPD, emphysema, and chronic bronchitis in the United States was 4.6% in 2021. Also, as per NIH, May 2022 article, the spending on the research of COPD in the United States was USD 144 million in 2021 and USD 150 million in 2022. Therefore, the high prevalence and spending on the research of COPD in the region are expected to accelerate the utility of suction tubes used for clearing airway secretions, which is further expected to propel the market growth in the region.

Additionally, the strategic initiatives by market players and other organizations to launch a technologically advanced product are expected to boost market growth in the region. For instance, in January 2021, HO Dental Company launched a disposable AiroPur dental aerosol suction cup, designed to help clinicians eliminate the aerosols generated during dental procedures. The launches of technologically advanced products are expected to augment market growth in the region.

Therefore, owing to the aforesaid factors such as the high burden of target diseases requiring the use of suction tubes for treatment and rising product launches by market players, the growth of the studied market is anticipated in the North America Region.

Suction Tube Industry Overview

The suction tube market is moderately competitive with many local players. As a result, players focus on cost reduction and innovation to ensure sustainability. Some of the key players include Cardinal Health, Teleflex Incorporated, Smiths Medical, Biomedical Research Instruments, Inc., and Sklar Surgical Instruments.

Additional Benefits:

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

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