

Tympanostomy Products Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The tympanostomy products market is expected to register a CAGR of 1.9% during the forecast period (2022-2027).

The emergence of the COVID-19 pandemic has impacted the growth of tympanostomy products. Furthermore, the lockdowns and social distancing have impacted ear surgical procedures, adversely affecting the tympanostomy products market. Additionally, the Sage Journals research article titled ' The Effect of the COVID-19 Pandemic on Pediatric Tympanostomy Tube Placement' published in May 2021, reported that during the COVID-19 pandemic, the rate of pediatric tympanostomy tube placement has significantly decreased. It also reported that the age of patients undergoing surgery has increased, and more children are being cared for in a tertiary setting. Thus, the COVID-19 has impacted the pace of growth of the market.

However, factor such as the increasing prevalence of ear infection is expected to boost the growth of the market. For instance, according to the report "Acute Otitis Media" published in March 2021, otitis media is most commonly seen between the ages of 6 to 24 months. The same source also reported that approximately 80% of all children experience a case of otitis media during their lifetime, and between 80% to 90% of all children will have otitis media with an effusion before school age. Such increasing prevalence of ear infections fuels the need for tympanostomy and, hence, drives the market growth.

Moreover, the development of innovative tympanostomy tube insertion devices and approvals from the regulatory authority are propelling the market's growth. For instance, in November 2019, the US Food and Drug Administration approved a new system for the delivery of tympanostomy tubes that can be inserted into the eardrum to treat recurrent ear infections (i.e., otitis media) named Tula System to Tusker Medical.

However, owing to the rising burden of ear infection, technological advancement in the field, coupled with regulatory approval, is

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expected to fuel the growth of the market, but the availability of alternative methods may hinder market growth over the forecast period.

Tympanostomy Products Market Trends

Acute Otitis Media is Expected to Show Significant Growth during the Forecast Period

The acute otitis media segment is expected to show significant growth over the forecast period. The increased infection leads to the incision created in the eardrum to relieve pressure caused by excessive fluid buildup or drain pus from the middle ear. Additionally, in 2021, a study titled 'Ear tubes or antibiotics for repeat infections in children?' reported that ear infections were among the most common illnesses in US children. They occur when bacteria or viruses infect the area behind the eardrum called the middle ear. Parts of the middle ear become swollen or blocked, trapping fluid behind the eardrum. The same source also reported that using ear tubes in the infection is advantageous. Such research articles propel the growth of the market. Furthermore, ear infections are more common in children than they are in seniors. For instance, JAMA Pediatrics article titled 'Acute Otitis Media' published in January 2020, reported that acute otitis media is one of the most common illnesses evaluated by pediatricians. The same source also reported that about 50% of all children have at least one ear infection by the time they reach their second birthday. The most common age range in which children are likely to get AOM is 3 to 24 months. Thus, the rising population and more births per woman also contribute to the increasing burden of acute otitis media, hence boosting the tympanostomy products market.

North America holds the Largest Share in the Tympanostomy Products Market

The tympanostomy products market holds the largest share in the North American region due to the high prevalence of otitis media infection. Tympanostomy tube insertion is one of the most commonly performed surgical procedures among children in the United States. For instance, according to an article published by the National Institute on Deafness and Other Communication Disorders in March 2021, 5 out of 6 children in the country experience ear infection by the time they are three years old. Thus, the high incidence rate of ear infections in the country is expected to drive the market studied. Additionally, according to The Connect hearing Canada article published in July 2019, ear infections in the country are very common, and about 50% of children in Canada suffer from an ear infection between the ages of two to seven. Furthermore, the rising adoption of technologically advanced tympanostomy products and well-developed infrastructure boosts the growth of the market in the region. Additionally, the collaboration among the market players to strengthen their position in the market is also fueling the market's growth. For instance, in January 2020, Smith & Nephew acquired California-based Tusker Medical Inc. ("Tusker"). The acquisition supports Smith+Nephew's strategy to invest in innovative technologies that address unmet clinical needs. Thus, the studied market in the region is expected to project growth over the forecast period.

Tympanostomy Products Market Competitor Analysis

The market studied is moderately competitive with several international as well as regional players. In terms of market share, the tympanostomy products market is dominated by major market players such as Adept Medical Ltd, Atos Medical, Grace Medical, Integra LifeSciences Corporation, and Olympus Corporation.

Additional Benefits:

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

Table of Contents:

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1 INTRODUCTION

1.1 Study Deliverables

1.2 Study Assumptions

1.3 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.2.1 Increasing Prevalance of Ear Infection

4.2.2 Development of Innovative Tympanostomy Tube Insertion Devices

4.3 Market Restraints

4.3.1 Availability of Alternative Therapies

4.4 Porter's Five Forces Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION

5.1 By Product

5.1.1 Tube Inserters

5.1.2 Tympanostomy Tubes

5.2 By Material

5.2.1 Silicone

5.2.2 Fluoroplastic

5.2.3 Other Materials

5.3 By Application

5.3.1 Acute Otitis Media

5.3.2 Recurrent Otitis Media with Effusion

5.4 Geography

5.4.1 North America

5.4.1.1 United States

5.4.1.2 Canada

5.4.1.3 Mexico

5.4.2 Europe

5.4.2.1 Germany

5.4.2.2 United Kingdom

5.4.2.3 France

5.4.2.4 Italy

5.4.2.5 Spain

5.4.2.6 Rest of Europe

5.4.3 Asia-Pacific

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- 5.4.3.1 China
- 5.4.3.2 Japan
- 5.4.3.3 India
- 5.4.3.4 Australia
- 5.4.3.5 South Korea
- 5.4.3.6 Rest of Asia-Pacific
- 5.4.4 Middle East & Africa
 - 5.4.4.1 GCC
 - 5.4.4.2 South Africa
 - 5.4.4.3 Rest of Middle East & Africa
- 5.4.5 South America
 - 5.4.5.1 Brazil
 - 5.4.5.2 Argentina
 - 5.4.5.3 Rest of South America

6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
 - 6.1.1 Atos Medical
 - 6.1.2 EON Meditech Pvt. Ltd
 - 6.1.3 Grace Medical
 - 6.1.4 Integra LifeSciences Corporation
 - 6.1.5 KOKEN Co. Ltd
 - 6.1.6 Medtronic PLC
 - 6.1.7 Olympus Corporation
 - 6.1.8 Adept Medical Ltd
 - 6.1.9 Preceptis Medical Inc.
 - 6.1.10 Smith & Nephew
 - 6.1.11 Summit Medical Inc.

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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