

India Mobility Aid Medical Devices Market By Product (Wheelchairs, Walking Aids, Mobility Lifts, Slings, Tricycles, Mobility Scooters), By End User (Personal, Institutional), By Region, Competition, Forecast & Opportunities, 2019-2019F

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Abstracts

India Mobility Aid Medical Devices Market has valued at USD 161.24 Million in 2023 and is anticipated to project impressive growth in the forecast period with a CAGR of 7.58% through 2029. A mobility aid is a device that provides assistance to individuals with mobility challenges, enabling them to walk or improving their mobility in various ways. These devices are specifically designed to support the elderly and disabled in their mobility needs. Not only do these products assist in facilitating movement, but they can also be utilized to transport patients who may face difficulties in navigating their in-home care environments.

There is a wide range of mobility aids available, including braces, canes, crutches, and walkers, among others. For instance, assistive canes (commonly known as walking sticks), crutches, and walkers serve as walking aids, promoting upright ambulation by offering enhanced stability, reducing lower-limb burden, and facilitating movement, tailored to the specific needs of the user.

The benefits of using mobility aids are numerous and diverse. Users experience increased freedom, reduced pain, and enhanced confidence and self-esteem. Additionally, manual or power wheelchairs, as well as electric scooters, are utilized by individuals to meet their mobility requirements. Furthermore, these devices can provide substantial assistance to children with birth defects or those suffering from mental illnesses. It is worth noting that medical mobility aids encompass a wide range of options, ranging from sophisticated electronic equipment to more simplistic structures.

These aids find applications in various healthcare settings, including orthopedics and general medical equipment, serving the needs of patients in diverse clinical scenarios.

Key Market Drivers

Increase in Demand for Personal Mobility Devices in Elderly Population

The rise in demand for personal mobility devices amongst India's elderly population is driving an unprecedented growth in the domestic market for mobility aid medical devices. As a result of the increasing life expectancy and the associated age-related ailments, many senior citizens are turning to assistive mobility devices to maintain their independence and quality of life. Devices such as wheelchairs, walkers, and motor scooters are becoming indispensable aids for this demographic, helping them navigate their day-to-day activities with ease. These devices are designed to provide comfort, stability, and convenience, ensuring that the elderly population can continue to engage in social interactions, run errands, and participate in recreational activities without limitations. Additionally, the Indian government's increased focus on healthcare infrastructure and accessibility, coupled with numerous initiatives to provide affordable medical devices, are further propelling the market growth. The government is working towards improving the availability and affordability of mobility aid devices, ensuring that every elderly individual has access to the necessary support for their mobility needs.

. As more individuals move to urban areas and experience higher disposable incomes, the demand for personal mobility devices among the elderly population continues to surge. This growing awareness is driving the market for mobility aid medical devices, as more people recognize the importance of maintaining independence and a high quality of life as they age.

Furthermore, manufacturers are responding to this surge in demand by investing in research and development to create innovative, user-friendly, and cost-effective solutions. With advancements in technology and materials, mobility aid devices are becoming more lightweight, durable, and customizable, catering to the specific needs and preferences of individual users. Hence, the increase in demand for personal mobility devices amongst the elderly population is significantly boosting the market for mobility aid medical devices in India. This trend not only improves the lives of senior citizens but also presents opportunities for manufacturers, healthcare providers, and policymakers to collaborate and create a more inclusive and accessible society for all.

Technological Advancements in the Mobility Aid Devices

Technological advancements in mobility aid devices are significantly driving the demand for these medical devices in India. With the country's large aging population and the increasing incidence of mobility-related health issues such as arthritis, spinal cord injuries, and muscular dystrophy, the need for assistive, reliable, and advanced mobility aids is escalating rapidly. Innovations such as electric wheelchairs, stair lifts, and ultra-lightweight mobility scooters are revolutionizing the landscape of mobility aids in India. These devices integrate cutting-edge technology like Artificial Intelligence (AI) and the Internet of Things (IoT), enabling enhanced functionality and improved user experience. For instance, AI-powered electric wheelchairs can intelligently adapt to different terrains and provide personalized assistance, while IoT-enabled stair lifts can be controlled remotely for added convenience.

Moreover, these advancements are not only enhancing the maneuverability, comfort, and functionality of the devices but also prioritizing user safety. The integration of advanced sensors and smart control systems ensures a safe and secure user experience. Additionally, the shift from traditional, heavy, and clunky mobility aids to sleek, lightweight, and smart devices is a game-changer. These modern devices are not only more aesthetically appealing but also easier to transport and store.

This transition towards technologically advanced mobility aids is making them more accessible and appealing to potential users, thereby driving the demand even further. Furthermore, increased awareness about these devices, coupled with the rise in disposable income among the population, is fueling their market growth in India. The government's initiatives to promote accessibility and inclusivity for individuals with mobility challenges, such as providing subsidies and grants for mobility aid devices, are also contributing to this upward trend. As a result, the demand for technologically advanced mobility aid medical devices in India is on the rise, and this trend is expected to continue in the coming years. The constant innovation in this field holds immense potential to improve the quality of life for individuals with mobility impairments and create a more inclusive society for all.

Rising Prevalence of Disabilities, Including Physical Disabilities and Injuries

The rising prevalence of disabilities, including physical disabilities and injuries, is significantly driving the demand for mobility aid medical devices in India. This surge is partly due to an aging population, prone to conditions such as arthritis, stroke, and spinal cord injuries that result in mobility impairment. Additionally, the nation is

witnessing a rise in non-communicable diseases like diabetes, which can lead to complications such as lower limb amputations. Accidents and injuries have also added to this upward trend. The government's initiatives towards disability inclusion, coupled with the increasing awareness of available assistive devices, are aiding in the market growth. Moreover, advancements in technology have led to the development of more innovative, user-friendly, and efficient mobility aids, further encouraging adoption. The integration of smart technologies into these devices for added functionalities like navigation and health monitoring is also a significant factor in increased demand. Consequently, the mobility aid medical device market in India is experiencing unprecedented growth, manifesting the critical role these devices play in enhancing the quality of life for individuals living with disabilities and injuries.

Rising Awareness and Government Initiatives

The demand for mobility aid medical devices in India is on a steady uptick, significantly fueled by escalating awareness and robust initiatives by the government. A growing understanding of the utilities and benefits of these devices among the general public, coupled with a surge in health consciousness, is contributing to this demand. These aids, ranging from wheelchairs to mobility scooters, immensely enhance the quality of life for individuals with mobility impairments, fostering independence and improving mental wellbeing.

The Indian government is playing a pivotal role in this scenario, launching numerous initiatives aimed at promoting the use of these devices and making them more accessible. For instance, the 'Accessible India Campaign', a nationwide movement, supports the availability and affordability of mobility aids, ensuring they reach the individuals in need. Furthermore, government schemes like the Assistance to Disabled Persons for Purchase/Fitting of Aids/Appliances (ADIP) program actively subsidize the cost of these devices, making them financially attainable for a larger segment of the population. Moreover, the government's increasing efforts to create a more inclusive society by boosting infrastructure accessibility and adapting public transportation systems to accommodate such devices also embolden the demand. Hence, the synergy of rising awareness and government initiatives is propelling the demand for mobility aid medical devices in India.

Key Market Challenges

Lack of Accessibility and Infrastructure

The growth of the India mobility aids medical devices market is hindered by several factors. One of the main challenges is the lack of accessibility and inadequate infrastructure in the country. Many regions still face significant hurdles in providing proper accessibility for individuals with mobility impairments, including limited ramps, elevators, and accessible transportation options. These limitations restrict the reach and adoption of mobility aids, preventing individuals from fully participating in society.

Furthermore, the inadequate healthcare infrastructure in India also affects the distribution and availability of mobility aids. Due to the limited number of healthcare facilities and professionals, it becomes difficult for individuals to access these devices. This issue is particularly prevalent in rural areas, where the lack of healthcare infrastructure is more pronounced. Addressing these issues is crucial to unlocking the market's full potential and ensuring that mobility aids reach and benefit a larger segment of the population in India. By investing in accessible infrastructure and improving healthcare facilities, the barriers to accessibility can be overcome, allowing individuals with mobility impairments to lead more independent and fulfilling lives.

High Cost of the Devices

The high cost of mobility aid medical devices has become a significant barrier to their demand in India. Mobility aids, which include wheelchairs, walkers, and prosthetic devices, are crucial for enhancing the quality of life for individuals with physical disabilities. However, the prohibitive cost of these devices is serving as a deterrent for many potential users. With a substantial proportion of India's population living under the poverty line, affordability becomes a substantial issue. Furthermore, the lack of comprehensive health insurance coverage for such equipment exacerbates the issue, leaving many to bear the full burden of the cost. In rural regions, the problem is intensified due to a lack of awareness about mobility aids and their benefits, coupled with lower levels of income. While the Indian government has launched initiatives to subsidise the cost of such devices, the high price point remains a challenge. This situation underscores the need for cost-effective production methods, affordable pricing models, and expansive health insurance coverage for mobility aid devices, to ensure their accessibility for those in need.

Key Market Trends

Alarming Rise in Orthopedic Disorders

In India, the escalating prevalence of orthopedic disorders has driven a substantial

surge in the demand for mobility aid medical devices. The country is witnessing a startling increase in cases of arthritis, osteoporosis, back pain, and other musculoskeletal conditions, primarily fueled by an ageing population and lifestyle changes. This trend has heightened the reliance on mobility aids such as crutches, wheelchairs, and walkers. These devices play a crucial role in enhancing the quality of life for patients, facilitating their independence, and assisting with daily activities. Furthermore, mobility aids can help prevent further injury or disability by providing the necessary support and stability. The alarming rise in orthopedic disorders has also been exacerbated by a lack of routine exercise and increasingly sedentary behaviors, both of which contribute to weakened bones and muscles. As such, the need for mobility aid medical devices shows no signs of abating in the near future. This situation highlights the urgency for healthcare providers and policy makers to address this growing need, and ensure an affordable, accessible supply of these critical medical devices for the Indian populace.

Higher disposable income

India's burgeoning middle class, coupled with higher disposable incomes, is driving increased demand for Mobility Aid Medical Devices. As income levels rise, the ability to afford quality medical care and assistive technology also increases. India's middle class is more cognizant of the benefits of these devices and willing to invest in their health. This increased purchasing power is not isolated to urban centers alone; instead, it's sweeping across rural areas too, where awareness of mobility aid devices is growing. Concurrently, India's aging population is also a factor. With increased income, families can afford better care for their elderly, resulting in a higher demand for mobility aids. Furthermore, there is a growing trend in India towards maintaining an active lifestyle in later years, which is encouraging the use of these devices. Lastly, improvements in healthcare infrastructure and the advent of health insurance are making these devices more accessible to a larger segment of the population. In summary, the rising disposable income in India is translating into higher demand for Mobility Aid Medical Devices, signifying a positive trend towards improved accessibility and inclusivity in healthcare.

physical activity or specific dietary restrictions.

Segmental Insights

Product Insights

Based on the product, wheelchair segments held the highest market share in the India mobility aids medical devices market by type. This is primarily due to their essential role in assisting individuals with mobility challenges, providing them with significant support and independence. These aids are widely used and highly demanded, not only for their practicality, cost-effectiveness, and versatility in addressing various mobility needs but also for their ergonomic designs and advanced features. With continuous advancements in technology, wheelchairs have undergone significant transformations and improvements. The latest models offer enhanced comfort, manoeuvrability, and customization options, catering to the specific requirements and preferences of users. For instance, they now come with adjustable seating positions, innovative suspension systems, and intuitive control mechanisms. These features contribute to a more comfortable and personalized experience, ensuring a higher level of user satisfaction.

Moreover, manufacturers have also focused on incorporating smart technologies into wheelchairs, such as connectivity options, GPS tracking, and intelligent sensors. These additions enable users to stay connected, navigate their surroundings more efficiently, and monitor their health and well-being. The integration of these advanced features further enhances the overall user experience and promotes greater independence and confidence. As a result of these advancements, wheelchairs have become the most popular choices among consumers and healthcare providers in India. Their widespread adoption has significantly improved the quality of life for individuals with disabilities or limited mobility, allowing them to actively participate in various activities, socialize, and pursue their interests.

End User Insights

Based on end user, the India mobility aids medical devices market is bifurcated into Personal User and Institutional User segments. The personal user segment holds a higher share in the India mobility aids medical devices market due to the increasing preference for personalized and user-specific mobility solutions. Individuals with mobility challenges or disabilities often opt for mobility aids that cater to their unique needs, providing them with greater independence and comfort. Moreover, the personal user segment encompasses a wide range of individuals, including those recovering from injuries, elderly individuals, and people with temporary or permanent disabilities. This diverse group of users contributes to the dominant market share of the personal user segment.

Additionally, rising awareness about the importance of accessibility and mobility, combined with a growing aging population, has further boosted the demand for mobility

aids among individuals seeking enhanced mobility in their daily lives. The need for improved mobility solutions is not limited to those with existing mobility challenges, but also extends to individuals who want to maintain an active and independent lifestyle. The personal user segment caters to these various needs by offering a wide range of mobility aids, including wheelchairs, crutches, walkers, and mobility scooters. By providing reliable and user-friendly products, the personal user segment continues to drive the growth of the India mobility aids medical devices market.

Regional Insights

The Northern region of India will assert its dominance in the Mobility Aid Medical Devices Market within the country. This is primarily attributed to several key factors, including the region's robust healthcare infrastructure, higher spending power, and a significant concentration of the older population. Moreover, the Northern region benefits from a heightened awareness regarding mobility aid medical devices, as well as the presence of well-established healthcare facilities that cater to the specific needs of the population.

Additionally, the Northern region is home to renowned medical research institutions and universities, which contribute to the development of cutting-edge technologies and innovative solutions in the field of mobility aid. The region's favorable geographical location and accessibility further enhance its potential for growth and expansion in the market. Furthermore, the Northern region's proactive government policies and initiatives aimed at promoting healthcare and improving the quality of life for its citizens play a pivotal role in its poised position to lead the market. These initiatives include investment in research and development, fostering collaborations between public and private sectors, and creating a conducive environment for medical device manufacturers and distributors. The Northern region of India, with its robust healthcare infrastructure, higher spending power, concentration of the older population, technological advancements, and proactive government support, is well-positioned to dominate the Mobility Aid Medical Devices Market in the foreseeable future.

Key Market Players

Stryker India Private Limited

Forza Medi India Private Limited

Arjohuntleigh Healthcare India Private Limited

Hill-Rom India Private, Limited

Karma Healthcare Limited

Paramount Bed India Private Limited

Otto Bock HealthCare India Private Limited

Ostrich Mobility Instruments Private Limited

Report Scope:

In this report, the India Mobility Aid Medical Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Mobility Aid Medical Devices Market, By Product:

Wheelchairs

Walking Aids

Mobility Lifts

Slings

Tricycles

Mobility Scooters

India Mobility Aid Medical Devices Market, By End User:

Personal

Institutional

India Mobility Aid Medical Devices Market, By Region:

North

South

West

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Mobility Aid Medical Devices Market.

Available Customizations:

India Mobility Aid Medical Devices Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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