

**UAE Mobility Aid Medical Devices Market, By Product (Wheelchair, Walking Aids, Slings, Mobility Lifts, Mobility Scooter, and Tricycle), By End User (Personal, and Institutional), By Region and Competition, Forecast & Opportunities, 2018-2028F**

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**Report description:**

The UAE Mobility Aid Medical Devices Market was valued at USD 92.94 Million in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 6.22% through 2028. The UAE Mobility Aid Medical Devices Market represents a rapidly evolving sector within the broader healthcare industry, catering to individuals with diverse mobility challenges. Mobility aids encompass a wide range of devices designed to enhance the independence, mobility, and quality of life for individuals with disabilities, injuries, or age-related limitations. This market's growth is propelled by several key factors that converge to create a robust and dynamic landscape.

Firstly, the UAE's demographic profile is witnessing a significant shift with a growing aging population and an increased incidence of disabilities due to various factors, including non-communicable diseases, accidents, and age-related conditions. As a result, the demand for mobility aid devices such as wheelchairs, walkers, canes, and crutches is on the rise. Furthermore, the UAE has made substantial investments in healthcare infrastructure and services, including rehabilitation centers and specialized clinics, to address the needs of individuals with mobility challenges. Government initiatives and policies promoting healthcare accessibility and inclusivity further stimulate market growth. Technological advancements play a pivotal role in shaping the UAE Mobility Aid Medical Devices Market. Innovations such as electric wheelchairs, smart canes with GPS tracking, and advanced prosthetic limbs are improving the functionality and user experience of these devices.

Moreover, increased awareness about the importance of mobility aids in enhancing overall well-being and independence has led to greater adoption. Patients, caregivers, and healthcare professionals are recognizing the positive impact of mobility devices on the physical and psychological aspects of individuals with mobility limitations. The growing healthcare expenditure in the UAE, driven by economic development and a focus on providing quality healthcare services, contributes to the expansion of the mobility aid devices market. Additionally, the demand for products that improve the quality of life for those with mobility challenges remains a powerful driver.

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In conclusion, the UAE Mobility Aid Medical Devices Market is poised for sustained growth due to demographic changes, government support, technological innovations, increased awareness, and rising healthcare investments. These factors collectively create a promising landscape for addressing the mobility needs of a diverse population and improving the overall well-being of individuals with mobility limitations.

#### Key Market Drivers

##### Increasing Prevalence of Disabilities

The need for medical equipment for mobility assistance is significantly influenced by the incidence of impairments worldwide, especially in the United Arab Emirates (UAE). Various factors, such as congenital abnormalities, traumatic events, chronic illnesses, and traumas, can lead to disabilities. Wheelchairs, walkers, and mobility scooters are just a few examples of mobility devices that may help people with disabilities live more independently and with higher quality of life.

There are several factors that contribute to the prevalence of disabilities in the country such as Congenital Disabilities, Accidents and Injuries, Chronic Illnesses and so on. Strokes are the main cause of disability in UAE and the third largest cause of death. Accidents and injuries can lead to disabilities that require mobility Aid. Traffic accidents, falls, and workplace injuries are some common causes of disabilities in the UAE. These individuals may need mobility Aid during their recovery process.

According to information from the Ministry of Interior, there were 381 fatalities and 2,620 injuries due to traffic accidents in the UAE, in 2022. With 256 fatalities and 2,437 injuries reported in 2021, this is an increase over the previous year. Additionally, the overall number of collisions increased as well, from 2,931 in 2021 to 3,488 in 2022. Most traffic accidents were caused by distracted driving, unexpected swerving, and failure to keep a safe gap between cars. Due to the stay-at-home precautions taken at the peak of the epidemic, many highways were quieter in 2020.

##### Rising Aging Population

The process of ageing is universal and natural, and the UAE is not an exception to this demographic trend. The nation has had impressive socioeconomic growth in recent decades, which has raised life expectancy and generally improved healthcare. As a result, the UAE's old population has been continuously increasing. A higher quality of life, better healthcare, and an increase in the number of expats choosing to retire in the UAE are all contributing factors to this demographic transition. Medical equipment for assisting with movement is in greater demand as the aged population rises.

Many people find that their mobility declines as they age. Age-related diseases might make it difficult to move, stay balanced, or carry out everyday tasks. As a result, medical gadgets for mobility assistance are becoming crucial instruments for improving independence and quality of life. Elderly people frequently have falls, which can result in life-threatening injuries and hospital stays. By offering stability and support during daily tasks, mobility Aid like walkers and canes can greatly lower the chance of falling. The UAE government has developed several initiatives and assistance programs targeted at improving the quality of life for elderly residents in recognition of the special requirements of the ageing population. These programs include financial aid, discounts on medical equipment, and activities aimed at enhancing older patients' access to healthcare.

Manufacturers of mobility Aid are always coming out with brand-new, cutting-edge products to meet the unique requirements of the ageing population. These innovations include improved electric wheelchairs, portable, lightweight mobility scooters, and ergonomic Walking Aids. Such developments improve both comfort and functionality, allowing goods to better meet the changing requirements of senior consumers. According to the World Bank's collection of development indicators, the population aged 65 and over (as a percentage of the total population i.e., 9.44 million) in the United Arab Emirates was recorded at 1.83% in 2022. For the senior population of the UAE to have a pleasant and active lifestyle, it is crucial to acknowledge and solve the specific issues they come across. The demand for mobility Aid to preserve independence and improve general quality of life, long with the ageing population. The UAE's mobility Aid market is vibrant, forward-thinking, and sensitive to the changing demands of the ageing population.

##### Technological Advancements

Medical gadgets for mobility assistance are no exception to the current technological transformation in the healthcare sector. The usefulness, convenience, and user-friendliness of these gadgets, which are intended to promote the mobility and independence of people with disabilities or mobility issues, have significantly increased. The incorporation of smart technology is one of the most remarkable improvements in medical equipment for mobility Aid. Sensors, networking capabilities, and smartphone applications are all included in these gadgets, giving customers access to useful information and device management. Smart wheelchairs, for

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instance, may be managed using a smartphone app, enabling users to change pace and direction as well as contact carers or healthcare professionals from a distance.

Batteries are frequently the power source for mobility devices. The development of battery technology has produced batteries that are more effective and last longer. Electric wheelchairs and scooters, for example, are more practical and dependable because of lithium-ion batteries' reduced weight and longer life. Mobility Aids are now more user-friendly because of the use of strong, lightweight materials like aluminum and carbon fiber. Lightweight frames increase maneuverability and ease physical strain on users without compromising durability.

Modern suspension systems, which offer a smoother and more pleasant ride, particularly on rough terrain, have helped mobility scooters and electric wheelchairs. For outdoor usage, this function is extremely useful. Mobility Aids may now be more individually tailored and personalized, due to technological breakthroughs. To achieve a comfy fit, users may alter the armrests, seat heights, and other components. Some gadgets can also be designed to adjust to a user's particular requirements and preferences. Modern mobility Aids have ergonomic designs that put user comfort first. The utilization of padded chairs, adjustable backrests, and curved armrests makes for a cozier and more supportive environment.

Mobility Aids are increasingly using assistive technologies and voice-activated controls. Voice commands allow users with restricted hand dexterity or mobility to use their gadgets, making them more user-friendly and accessible. To make mobility safer, advanced sensors and safety features are used. Users can be warned of possible dangers via obstacle detection systems, while anti-tip devices improve stability and lower the likelihood of accidents. Mobility Aids' potential for even greater technological integration makes them crucial tools for enhancing the lives of people who have mobility issues, thus, increasing the overall demand of the UAE Mobility Aid Medical Devices market.

#### Growing Tourism and Hospitality Industry

The United Arab Emirates (UAE) are regarded as a tourist and hospitality powerhouse on a worldwide scale. The UAE draws millions of tourists from all over the world each year with its breathtaking scenery, recognizable monuments, and first-rate services. This nation's booming tourist industry is a major factor in raising demand for medical equipment that help in mobility. This is due to several factors, including strategic investments, the expansion of the infrastructure, and marketing campaigns, the tourist industry in the UAE has risen rapidly over time. The nation provides a wide variety of activities, such as immaculate beaches, opulent resorts, cultural events, and top-notch shopping locales.

The availability of mobility aid medical equipment, which cater to travellers with mobility constraints, has a substantial positive impact on the tourism and hospitality sectors in the UAE. Wheelchairs, mobility scooters, Walking Aids, and other helpful equipment are some examples of these gadgets. The UAE has put a lot of efforts into making public areas, hotels, and tourist destinations more accessible. Mobility Aids support these accessibility goals by giving visitors the resources they need to easily travel the nation. Mobility Aids' accessibility guarantees that all visitors, regardless of their level of mobility, may take advantage of a rich and complete travel experience. The tourist sector gains from this inclusion since it encourages favorable evaluations and word-of-mouth recommendations.

The whole tourism ecosystem, including hotels, restaurants, and neighborhood businesses, can profit from increased visitor pleasure since it can result in increased visitor expenditure. According to WorldData, the United Arab Emirates recorded a total of 11 million tourists in 2021, ranking 12th in the world in absolute terms, and generated around 34.44 USD billion in tourism sector alone.

Hotels and tourist attractions that put an emphasis on accessibility and offer mobility Aids, have an advantage over rivals in the market. Staff at hotels and tourist attractions should be educated to help visitors using mobility Aids so they can stay in comfort and safety. They can draw a wider variety of guests, including individuals who have mobility issues. When visitors with impairments or mobility issues have a good time, it helps the UAE's reputation as an accessible and inviting place. Positive reviews and word-of-mouth can draw additional customers. Therefore, tourism and hospitality industry plays a pivotal role in driving the demand of UAE Mobility Aid Medical Devices Market.

#### Key Market Challenges

##### Maintenance and Repairs

Particularly sophisticated ones with electrical components, mobility assistance devices might be complicated. These gadgets frequently need technical skill, which might not be easily available in all regions of the UAE. It might be difficult to find trained

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experts who can identify problems and remedy them. Especially in less heavily populated areas of the UAE, the availability of service centers and repair facilities may be constrained. Users might have to travel far to reach maintenance assistance. Individuals may face a large financial burden due to repair costs, particularly if they are not covered by insurance or government assistance program. High repair costs may cause maintenance to be postponed or omitted, which might jeopardize safety. The lifetime and security of mobility Aid are dependent on preventive maintenance.

#### Stigma and Acceptance

Utilizing mobility Aid could have a social stigma in some societies. People with disabilities or those who need assistive technology may encounter prejudice, stereotypes, or unfavorable opinions from others. Some people might worry that utilizing a mobility assistance will make them seem frail or defenseless. This impression may discourage individuals from looking for or using gadgets that may significantly increase their freedom and mobility.

Peer pressure, particularly among younger people, may be a factor in people's resistance to using mobility Aid. Some people could be discouraged from asking for help because they fear being rejected or bullied by their peers. It might be useful to portray people using mobility Aid, positively in media, advertising, and public settings to reduce stigma and normalize their usage.

#### Customization and Fit

Customization and fit are significant challenges when it comes to mobility aid medical devices because each user's needs and physical characteristics are unique. Mobility aid users have diverse physical conditions, body types, and mobility requirements. What works for one person may not work for another. Factors such as height, weight, posture, and specific mobility limitations can vary greatly among users. Mobility impairments can range from mild to severe, and they can be the result of various medical conditions, injuries, or disabilities. Designing a one-size-fits-all solution is impractical because of this complexity. Comfort is crucial for users of mobility Aid. Ill-fitting devices can lead to discomfort, pressure sores, or exacerbate existing physical issues.

Ergonomics, including handle height, seat dimensions, and weight distribution, need to be tailored to each individual's needs for optimal comfort and functionality.

#### Key Market Trends

##### Growing E-commerce and Online Sales

Several sellers of mobility aid medical devices in the UAE have developed a significant online presence, which includes corporate websites, e-commerce platforms, and social media networks. This enables customers to research a variety of goods and services from the convenience of their homes. Online stores provide thorough product catalogues that include specs, features, prices, and customer testimonials for mobility Aid. Users may compare various items to come to educated judgements. Users may conveniently obtain their mobility Aid without having to go to physical stores, due to the convenience of home delivery alternatives offered by e-commerce platforms. For people with mobility issues, this is extremely helpful.

##### Customization and Personalization

User-centric design and manufacturing, where mobility aid medical devices are created with the user's particular needs in mind, is where customization begins. This may entail taking the user's mobility level, body type, and lifestyle into account. Wheelchairs, walkers, and rollators are just a few examples of the mobility Aid that now include customizable characteristics. To achieve a good fit, users may adjust parameters such seat height, armrest height, and backrest angle. For instance, in October 2021, Sharjah Ladies Club launched a new Beach Floating Wheelchair for elderly women and women with disabilities. The program was started with the intention of promoting diversity while also fostering an atmosphere of safety and support for all women.

##### Integration of Artificial Intelligence

AI-powered mobility Aid can provide users the ability to navigate with intelligence. They can improve a user's mobility and independence by helping them plan trips, avoid barriers, and identify accessible pathways. Mobility Aid now include AI-powered sensors and cameras that can instantly identify risks and impediments. AI-connected gadgets enable carers and healthcare professionals to remotely check on users' health and the status of their mobility Aid. This permits prompt action in the event of crises or problems. Users with impairments can benefit from voice-guided navigation and user-friendly interfaces.

#### Segmental Insights

##### Product Insights

Wheelchairs dominate the UAE Mobility Aid Medical Devices Market due to their pivotal role in enhancing the mobility and independence of individuals with disabilities or limited mobility. Several factors contribute to this dominance: Wheelchairs come in

various types, from manual to electric, offering versatility to cater to different mobility needs and preferences.

The UAE's aging population and increasing incidence of disabilities drive the demand for wheelchairs as a primary mobility solution. Electric and smart wheelchairs with advanced features have gained popularity, further boosting the segment's growth. Government initiatives and policies promote accessibility, making wheelchairs essential for improving the quality of life for individuals with mobility challenges. The presence of rehabilitation centers and healthcare facilities reinforces the demand for wheelchairs as a crucial mobility aid.

In summary, wheelchairs' adaptability, increasing demand, technological advancements, government support, and healthcare infrastructure collectively establish them as the dominant segment in the UAE Mobility Aid Medical Devices Market.

#### End User Insights

The Institutional segment plays a dominant role in the UAE Mobility Aid Medical Devices Market due to several compelling factors. Institutions such as hospitals, rehabilitation centers, and long-term care facilities are key drivers of demand for mobility aid devices. These settings require a diverse range of mobility aids to cater to patients with various needs, including wheelchairs, hospital beds, patient lifts, and walking aids. Additionally, institutions benefit from government funding and budgets allocated for healthcare infrastructure and equipment procurement. As the UAE continues to invest in healthcare facilities and services, the institutional segment remains at the forefront of driving growth and accessibility in the mobility aid devices market.

#### Regional Insights

Abu Dhabi, the capital of the UAE, holds a dominant position in the UAE Mobility Aid Medical Devices Market for several compelling reasons. Firstly, it serves as the epicenter of the country's healthcare infrastructure, hosting numerous hospitals, rehabilitation centers, and clinics, thereby generating substantial demand for mobility aids. Secondly, the Emirate's robust economy and government initiatives ensure accessibility to advanced medical equipment, including mobility devices. Thirdly, Abu Dhabi's large expatriate population contributes to the rising demand for mobility aids due to diverse healthcare needs. This combination of healthcare facilities, economic strength, and population diversity solidifies Abu Dhabi's prominence in driving growth and innovation in the mobility aid devices market within the UAE.

#### Key Market Players

Karma Medical Products Co., LTD.

Invacare Corporation

Manafeth Mobility Solution LLC

Gilani Mobility LLC

Genemax Medical Products Industry Corp

Sunrise Medical UAE

MEYRA Group

Drive DeVilbiss International (Sanrai International)

Neoshine Healthcare Alliance FZ LLC

Health Mart L.L.C.

Al Anwar Medical Equipment Trading LLC

#### Report Scope:

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

□ UAE Mobility Aid Medical Devices Market, By Type:

o □ Wheelchair

o □ Walking Aids

o □ Slings

o □ Mobility Lifts

o □ Mobility Scooter

o □ Tricycle

□ UAE Mobility Aid Medical Devices Market, By End User:

o □ Personal

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- o Institutional

- o UAE Mobility Aid Medical Devices Market, By Region:

- o Abu Dhabi

- o Dubai

- o Sharjah

- o Rest of UAE

Competitive Landscape

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

Available Customizations:

The UAE 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

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

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