

Guillain-Barre Syndrome Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The Guillain-Barre Syndrome Market studied is anticipated to grow at a CAGR of 5.2% during the forecast period, 2022-2027.

The Guillain-Barre syndrome (GBS) market was significantly impacted by COVID-19. Patients with Guillain-Barre syndrome were advised to take extra precautions to minimize the risk of getting COVID-19. Moreover, Guillain-Barre syndrome patients may not show typical symptoms such as a high temperature, and they may also experience a higher-than-normal pain threshold, which may delay the diagnosis of COVID-19. Furthermore, the article titled "Guillain-Barre syndrome after SARS-CoV-2 infection in an international prospective cohort study" published in Oxford Academic in September 2021, suggested that a COVID-19 infection may cause Guillain-Barre syndrome. The article further detailed that from January 30 to May 30, 2020, researchers analyzed individuals as part of the International GBS Outcome Study (or IGOS), a global cohort of individuals with Guillain-Barre syndrome. During this time, the study included an additional 49 Guillain-Barre syndrome patients from China, Denmark, France, Greece, Italy, the Netherlands, Spain, Switzerland, and the United Kingdom. In this cohort analysis, 22% of the Guillain-Barre syndrome patients had a preceding COVID-19 infection in the first 4 months of the pandemic. Such studies greatly highlighted the need for diagnosis and treatment of GBS, thereby boosting the market's growth over the pandemic phase.

Furthermore, the major factors contributing to the growth of the studied market are the increasing geriatric population, the growing prevalence of GBS, and product approval due to accelerated drug developments.

The rise in the geriatric population propels market growth over the forecast period. For instance, according to the World Health Organization's 2021 updates, by 2030, 1 out of every 6 people across the globe will be 60 years old or older. The number of people aged 60 and up is expected to rise from 1 billion in 2020 to 1.4 billion by 2050. By 2050, the global population of people aged 60 and above will get doubled to reach 2.1 billion. Between 2020 and 2050, the number of people aged 80 and above is

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expected to triple, reaching 426 million. Furthermore, according to the study titled "Global, regional, and national burden of Guillain-Barre syndrome and its underlying causes from 1990 to 2019" published in the Journal of Neuroinflammation in November 2021, with growing age, the age-standardized burden of GBS increased and was higher in males across all age categories. The article provided first in-depth investigation of the prevalence and disability burden of Guillain-Barre syndrome (GBS) from 1990 to 2019 by cause, age, sex, and socio-demographic index (SDI) in 204 countries and territories. Thus, such instances are likely to propel the market's growth over the coming years.

In addition, the rise in new product approvals due to the accelerated drug approval initiative by the United States Food and Drug Administration is also boosting the market growth. For instance, in September 2019, Annexon Biosciences revealed that the United States Food and Drug Administration had granted fast-track designation to ANX005, a novel treatment for Guillain-Barre syndrome.

Thus, the aforesaid factors are likely to boost the growth of the market over the forecast period. However, higher challenges in the development stage, expensive patented products, and lack of awareness of the disease and effective treatment in the developing economies are the major restraining factors for the market studied.

Guillain Barre Syndrome Market Trends

Intravenous Immunoglobulin Segment is Expected to Hold the Large Market Share Over the Forecast Period

Intravenous immunoglobulin (IVIG) therapy is the use of a mixture of antibodies (immunoglobulins) to treat health conditions, including primary immunodeficiency, immune thrombocytopenic purpura, chronic inflammatory demyelinating polyneuropathy, Kawasaki disease, certain cases of HIV/AIDS, measles, Guillain-Barre syndrome, and certain other infections. Depending on the formulation, it can be injected into the muscle, a vein, or under the skin.

Intravenous immunoglobulins are expected to account for a large share of the market, which can be attributed to the availability of a wide range of IVIG products such as Gamunex, Gammagard, and Privigen in the market and increased adoption of treatment by off-label use of intravenous immunoglobulins due to the rising prevalence of multifocal motor neuropathy, dermatomyositis, polymyositis, stiff person syndrome, and relapsing-remitting multiple sclerosis. Furthermore, according to the Centers for Disease Control and Prevention, June 2022 update, GBS affects about 3,000-6,000 people each year in the United States. Such a burden of disease is fueling the demand for effective treatment, which is expected to drive the growth of the market segment over the forecast period.

In addition, increasing research studies for intravenous immunoglobulin (IVIG) are also expected to boost the growth of the market segment. For instance, in November 2021, the study titled "Mini-pool Intravenous Immunoglobulin (MP-IVIG) in Guillain-Barre Syndrome" an interventional clinical trial by Assiut University is expected to be completed by December 2022. Such clinical studies may lead to the development of a newer products in the future and thus are expected to drive the growth of the market segment.

Thus, all the aforementioned factors are expected to boost segment growth over the forecast period.

North America Dominates the Market and Expected to do Same Over the Forecast Period.

North America is expected to dominate the overall GBS market throughout the forecast period. The dominance is due to several factors, such as the increasing geriatric population with higher chances of acquiring GBS, the presence of major market players, and growing awareness regarding GBS within the population.

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According to the Centers for Disease Control and Prevention (CDC) article updated in June 2022, infection with *Campylobacter jejuni*, which causes diarrhea, is one of the most common causes of GBS. It also reported that people of any age group can develop GBS, but the risk of GBS increases in people aged over 50 years. Additionally, as per the Statistics Canada 2021 census, there were around 7,021,430 people aged 65 years or above, out of which 3,224,680 were males and 3,796,750 were females. Such an increase in the geriatric population coupled with the high risk of acquiring GBS is expected to boost the market's growth in the near future.

Moreover, the funding from public organizations for the different projects related to the GBS is expected to boost the growth of the market in North America. For instance, in October 2021, the National Institute of Neurological Disorders and Stroke (NINDS) approved USD 427,625 funding for co-investigators Brad Wright, Ph.D., Rebecca Traub, MD, and Chip Howard, MD for the project dealing with the understanding of Guillain-Barre syndrome using medicare claims and is expected to be completed by February 2023.

Thus, owing to the abovementioned factors, the studied market in the North American region is expected to boost the growth of the market.

Guillain Barre Syndrome Market Competitor Analysis

The Guillain-Barre Syndrome market is moderately competitive and consists of several major players. Various strategies, such as the acquisition of the products by other companies, consolidate the market positions across the globe. Some of the companies currently dominating the market are Grifols S.A., CSL Limited, Octapharma AG, Kedrion Biopharma Inc., and Takeda Pharmaceutical Company Limited, among others.

Additional Benefits:

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

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