

## **Wound Debridement Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

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### **Report description:**

The wound debridement market is expected to register a CAGR of 6.5% during the forecast period of the study, 2022-2027.

This COVID-19 pandemic had an adverse effect throughout the world, especially in developing and under-developing countries, and resulted in the cancellation of many treatment procedures, including surgeries which had an impact on the wound debridement market. For instance, according to the report of the British Journal of Surgery, in May 2020, around 48,728 surgical procedures per week were canceled in India, which estimates around 585,000 surgical procedures for 12 weeks. However, the decreasing number of COVID-19 infections and large-scale vaccination program around the world is expected to push back the wound debridement market towards growth, and the studied market is anticipated to regain its potential during the forecast period of the study.

The major growth factor for the wound debridement market is the rise in the incidence of diabetes and associated wounds, as diabetic people are at higher risk of developing wounds requiring debridement, and thus increase in the diabetic population is expected to have a significant impact on the market. For instance, according to a research study published by David Dayya et al. in December 2021, amputations, poor quality of life, and life-threatening infections are all serious consequences of diabetic foot ulcers, and diabetic wounds can be long-lasting, take a long time to heal, and reoccur after they have healed. Thus, wound debridement is used to remove nonviable tissue, facilitate wound healing, and help prevent these serious outcomes. So, the increasing prevalence of diabetes around the world is expected to be a significant growth driver for the studied market.

Moreover, with the increase in the global diabetic population, wound incidence is expected to increase, leading to an increase in the demand for wound debridement, and thus, the wound debridement market is expected to grow. For instance, according to the November 2021 report of the International Diabetes Federation (IDF), about 537 million adults in the age group 20-79 years are

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living with diabetes in 2021, globally, and this number is projected to increase to 643 million by 2030, and 783 million by 2045. Further, as per the same source, about 541 million adults were at risk of developing type 2 diabetes.

Further, according to a research study published in the American Journal of Managed Care in July 2020, chronic wounds are considered to be a geriatric syndrome because of their high prevalence and complex character, as well as their link to significant morbidity and mortality, and because of the high morbidity, high expense, and lower quality of life associated with chronic wounds, which can result in pain, loss of function, anguish, shame, social isolation, hospitalization, and death. Therefore, the prevention, early detection, and treatment of chronic wounds are critical for the geriatric population. Therefore, the growing geriatric population around the world is further expected to have a significant and positive impact on the growth of the studied market during the forecast period of the study. However, the high cost associated with wound debridement of different types of wounds is expected to negatively affect the studied market and restrain growth in the wound debridement market during the forecast period of the study.

#### Wound Debridement Market Trends

##### Gels in Product Segment is Expected to Have a Significant Share in the Wound Debridement Market During Forecast Period

The gels segment is expected to dominate the wound debridement market as a product because it maintains a moist wound environment and has certain benefits as compared to other products, such as no inflammation, less bleeding, filling the dead space, and removal of necrotic tissues safely, without causing infection. Also, gels are easily available and easy to use, which is why they are preferred by the majority of the population, especially the geriatric population. As the geriatric population is growing worldwide and more prone to infections and other chronic diseases, the demand for gels in the wound debridement market is expected to increase, which is expected to boost the growth of the wound debridement market.

According to the World Population Ageing Highlight 2020 report published by the United Nations, the global geriatric population is increasing rapidly around the world, and in 2020, about 727 million people of age 65 years or more were living across the world, which was about 9.3% of the total global population and also, the same report projected that the population of people of age 65 years or more will be about 1.5 billion people by 2050 which will be about 16% of the global population. Thus, the growing aging population will have a significant impact on the growth of the studied segment over the years and drive the growth gels segment in the studied market.

In addition, with the growing demand for effective wound debridement solutions, the companies are improving their product offering and launching new ones which are more advanced and effective, and this factor is further expected to augment growth in the gels segment. For example, in November 2020, Texas-based Sanara MedTech launched BIAKO'S Antimicrobial Wound Gel, and as per the company, when used in clinical settings, BIAKO'S Antimicrobial Wound Gel is indicated for the management of partial and full-thickness wounds, such as diabetic foot ulcers, post-surgical wounds, pressure ulcers, first and second-degree burns, grafts and donor sites. Therefore, due to the above-mentioned factors, the gels segment is expected to have a significant share in the wound debridement market during the forecast period of the study.

##### North America Region is Anticipated to Occupy a Major Share in the Wound Debridement Market During Forecast Period

By geography, the North American region is expected to hold a significant share in the wound debridement market owing to the increasing prevalence and incidence of diabetes and wounds associated with it like diabetic foot ulcers, a high number of surgeries owing to chronic diseases, and a growing aging population, and other factors. The prevalence of diseases, such as osteoarthritis, has increased significantly in Canada. For instance, according to a report titled, 'The Burden of Osteoarthritis in Canada (2021)' commissioned by the Arthritis Community Research and Evaluation Unit (ACREU), around 15% of Canadians aged 20 years and above had osteoarthritis. The report further stated that more than 4 million Canadians, or about one in every seven

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adults, have osteoarthritis. The high burden of such disorders is expected to boost the demand for wound debridement products which is anticipated to have a significant impact on the studied market, and it will grow during the forecast period in the North American region.

In the North American region, the United States is expected to have a major share in the wound debridement market due to the factors such as the high incidence of diabetes and related wounds, the growing geriatric population and number of surgeries, and the presence of robust healthcare infrastructure along with other growth driving factors. For instance, in the year 2020 15.6 million people have undergone cosmetic procedures in the United States alone, among which 2.3 million were Cosmetic Surgical Procedures and 13.2 million were Cosmetic Minimally Invasive Procedures, shows the Plastic Surgery Statistics Report 2020, published by American Society of Plastic Surgeons. Thus, the demand for wound debridement products is expected to be higher in the United States owing to the high number of surgical procedures. This is further expected to increase with a growth in the geriatric population and the number of recorded surgeries in people aged 65 years and above since they are more prone to various infections and diseases. For instance, according to the May 2021 report published by the Administration for Community Living (ACL) of the United States, about 54.1 million people 65 years and older were living in the country in 2019, which was about 16% of the total population of the country and further projected to increase to reach 21.6% of the total population by 2040. Therefore, owing to the above-mentioned factors, the United States in the North American region is expected to occupy a major share in the wound debridement market during the forecast period of the study.

### Wound Debridement Market Competitor Analysis

The wound debridement market is fairly competitive, with many global players operating and offering innovative products in the studied market. The market is expected to become more competitive with the business expansion strategies employed by the companies to gain more market share, such as product launches, mergers and acquisitions, collaborations, and other activities. Some of the key players in the wound debridement market are B. Braun Melsungen AG, Smith & Nephew Plc, Lohmann & Rauscher, Histologics, LLC, and Medaxis LLC, among others.

### Additional Benefits:

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

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