

# **Antimicrobial Wound Care Dressings Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Silver Dressings, Povidone-Iodine Dressings, PHMB Dressings, Others), By Application (Chronic Wounds v/s Acute Wounds), By End User (Hospitals & Clinics, Ambulatory Care Centers, Others), Region and Competition**

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## **Abstracts**

In 2022, the Antimicrobial Wound Care Dressings market reached a valuation of USD 1.24 billion, and it is poised to experience robust growth in the forecast period, with a projected Compound Annual Growth Rate (CAGR) of 6.64% through 2028. The Antimicrobial Wound Care Dressings market is poised to exhibit significant growth during the forecast period spanning from 2024 to 2028. This expansion is attributed to multiple contributing factors, including the escalating incidence of chronic wounds, heightened awareness regarding infection control, the advancement of innovative product offerings, and the growing demand observed in developing economies.

Antimicrobial wound care dressings have emerged as indispensable assets in the management of both chronic and acute wounds. Engineered to avert infections, these dressings exert control over and curtail the proliferation of bacteria, fungi, and other microorganisms that might impede the wound healing process. Forecasts predict substantial growth in the global antimicrobial wound care dressings market in the forthcoming years, driven by a range of compelling variables.

A pivotal catalyst for the growth of the antimicrobial wound care dressings market is the

mounting prevalence of chronic wounds such as diabetic foot ulcers, pressure ulcers, and venous leg ulcers. These intricate wounds necessitate specialized care and vigilance, wherein antimicrobial dressings play a pivotal role by preempting infections and expediting the recuperative process. As per the World Health Organization, diabetes stands as the primary contributor to lower-limb amputations, with approximately 15% of diabetic patients experiencing foot ulcers. This phenomenon has underscored the demand for antimicrobial wound care dressings within the domain of diabetic wound management.

Furthermore, the amplifying consciousness about infection control's significance in wound management acts as a potent propeller for the antimicrobial wound care dressings market. Stakeholders across the healthcare spectrum, including practitioners and patients, are increasingly recognizing the tangible benefits that accrue from adopting antimicrobial wound dressings. These dressings offer a slew of advantages over their conventional counterparts, comprising infection risk mitigation, abbreviated healing durations, and ameliorated patient outcomes.

The impetus for market expansion is further augmented by the ongoing pursuit of novel and innovative antimicrobial wound care dressings. Manufacturers are channeling investments into research and development endeavors to devise novel products distinguished by enhanced attributes and functionalities. These novel characteristics encompass extended-duration antimicrobial efficacy and heightened moisture management. As a result of these advancements, the market has witnessed the introduction of a multitude of new products that are gaining traction among both healthcare practitioners and patients.

Moreover, the escalating demand for advanced wound care products, particularly in developing economies, is propelling the growth trajectory of the antimicrobial wound care dressings market. The mounting prevalence of chronic wounds, coupled with the concurrent expansion of healthcare infrastructure in these regions, has engendered an augmented appetite for advanced wound care products, which includes a burgeoning interest in antimicrobial dressings.

Advancements in technology are galvanizing innovation within the antimicrobial wound care dressing market. Manufacturers are dedicating resources to the development of newfangled, pioneering dressings that incorporate state-of-the-art technologies, including hydrogels, nanofibers, and other advanced materials. These technological integrations have the potential to amplify the delivery and efficacy of antimicrobial agents, ultimately enhancing the overall efficacy of wound care.

Nevertheless, the antimicrobial wound care dressings market is poised to confront an array of challenges in the years ahead. These challenges include elevated costs, regulatory hurdles, antibiotic resistance, a lack of awareness, and competition from alternative treatment modalities.

Foremost among the hurdles confronting the antimicrobial wound care dressings market is the substantial cost associated with these products. Antimicrobial dressings typically command higher prices than conventional counterparts, potentially rendering them financially inaccessible to a subset of patients. The elevated cost could further limit their adoption within settings constrained by resource availability. Consequently, it becomes imperative for manufacturers and healthcare stakeholders to collaboratively devise strategies that render these products more cost-effective without compromising on their quality or utility.

### Increasing Prevalence of Chronic Wounds

The escalating incidence of chronic wounds is anticipated to exert a substantial influence on the trajectory of the antimicrobial wound care dressing market in the foreseeable future. Chronic wounds represent a mounting challenge in the healthcare landscape, characterized by intricate management requirements and notable cost implications. These wounds are classified as those that fail to heal within a three-month period and frequently coincide with underlying medical conditions such as diabetes, peripheral artery disease, and venous insufficiency.

Antimicrobial dressings, conceived to thwart wound infections, bear particular relevance for chronic wounds due to their heightened susceptibility to infection. Furthermore, these dressings demonstrate efficacy in tackling biofilm formations, intricate communities of microorganisms that can arise on chronic wounds, thus hindering the wound healing process.

The adoption of antimicrobial dressings also holds the potential to mitigate the risk of antibiotic resistance—a growing global concern that can complicate the management of chronic wounds. By diminishing the reliance on antibiotics in wound management, antimicrobial dressings can play a role in mitigating the emergence of antibiotic-resistant bacterial strains, thereby contributing to the preservation of effective therapeutic options.

The mounting prevalence of chronic wounds is poised to fuel the demand for efficacious

wound management solutions, notably encompassing antimicrobial dressings. Market stakeholders are directing investments into research and development initiatives aimed at ushering in novel and inventive products to cater to the burgeoning requirement for antimicrobial wound care dressings. Concurrently, healthcare professionals are increasingly acknowledging the paramount significance of infection control in wound management, signifying a likely upsurge in the utilization of antimicrobial dressings in the forthcoming years.

### Growing Awareness of Infection Control

The increasing awareness about preventing infections is expected to significantly impact the growth of the antimicrobial wound care dressing market in the upcoming years. Preventing infections has become more important in healthcare places, as infections linked to healthcare (HAIs) can lead to more illness, death, and medical costs. Antimicrobial wound care dressings are very important in stopping infections in wounds and decreasing the chances of HAIs.

The increase in awareness about infection control is because of a few things. For example, people are paying more attention to keeping patients safe, some bacteria are getting resistant to antibiotics, and people are realizing how much HAIs can raise healthcare costs. Healthcare professionals are getting more aware of how important it is to control infections when treating wounds. They are actively looking for products that can stop infections and help patients get better.

The growing awareness of infection control is also making more people want antimicrobial dressings in home healthcare. Patients and caregivers are getting more aware of how important it is to control infections when treating wounds. They want products that can stop infections and help with healing. This is leading to new and creative antimicrobial dressings that are easy to use and that patients or caregivers can use at home.

### Growing Investment on Research & Development of Antimicrobial Wound Care Dressings

More money going into research and development is going to make a big difference in how the antimicrobial wound care dressing market grows in the next few years. Companies that make products for taking care of wounds are putting a lot of money into finding new and better ways to make these products. They're doing this because they want to make products that healthcare professionals and patients will like and that will

help them. There are a few reasons why companies are spending more on research and development. For example, there's a bigger need for good products to take care of wounds, more people are realizing how important it is to stop infections, and some bacteria are getting good at fighting antibiotics. Because of this, companies are working on making new things that can stop infections, and they're also working on better ways to get these things to work on wounds.

## Market Segmentation

Global Antimicrobial Wound Care Dressings Market can be segmented on the basis of product, application, end user and region. Based on product, the market can be divided into silver dressings, povidone-iodine dressings, PHMB dressings, and others. Based on application, the market is further split into chronic wounds and acute wounds. Based on end user, the market is further divided into hospitals & clinics, ambulatory care centers, and others. Regionally, the Antimicrobial Wound Care Dressings market can be further divided into North America, Europe, Asia Pacific, South America, and Middle East & Africa.

## Market Players

Smith & Nephew, plc, Cardinal Health, Inc., 3M Company, Coloplast Corporation, Paul Hartmann AG, Medline Industries, Inc., McKesson Corporation, M?Inlycke Health Care AB, B.Braun Melsungen AG, Advanced Medical Solutions Limited are some of the leading players operating in the global antimicrobial wound care dressings market.

## Report Scope:

In this report, Global Antimicrobial Wound Care Dressings Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Antimicrobial Wound Care Dressings Market, By Product:

Silver Dressings

Povidone-Iodine Dressings

PHMB Dressings

Others

Antimicrobial Wound Care Dressings Market, By Application:

Chronic Wounds

Acute Wounds

Antimicrobial Wound Care Dressings Market, By End User:

Hospitals & Clinics

Ambulatory Care Centers

Others

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Antimicrobial Wound Care Dressings market.

Available Customizations:

With the given market data, TechSci 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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