

Global Bioactive Wound Care Market to Worth USD 21.18 Billion by 2032 – SNS Insider

Increasing adoption of advanced wound care solutions, such as antimicrobial dressings and smart technologies, fuels market growth at a 7.52% CAGR from 2024-2032

AUSTIN, TX, UNITED STATES, February 13, 2025 /EINPresswire.com/ -- According to Research by SNS Insider, The [Bioactive Wound Care market](#) was valued at USD 11.06 billion in 2023 and is expected to reach value of USD 21.18 billion by 2032, and growing with significant compound annual growth rate (CAGR) of 7.52% from 2024 to 2032.



Bioactive Wound Care Market

Market Analysis

The bioactive wound care market is driven by an increase in the geriatric population and the growing prevalence of chronic diseases such as diabetes and obesity. With the world population aged 60 years and older projected to double from 900 million to 2.1 billion between 2015 and 2050, the global demand for advanced wound care is poised for continued growth according to the World Health Organization (WHO). Moreover, in 2023, over 537 million adults developed diabetes and as a result of this condition, Diabetic foot ulcers are becoming increasingly widespread, this will also promote the growth of the market.



The bioactive wound care market is transforming patient outcomes with innovative solutions like antimicrobial dressings & smart technologies, addressing the growing burden of chronic wounds globally.”

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Market growth is also attributed to the technology advancements in bioactive wound care products, such as microbial dressings, bioactive matrices and growth factor-based therapies. The following innovations provide improved healing capacity, reduced infection incidence, and

greater patient results, which have made them desirable in both a clinical and home settings. In addition, market is being driven by government initiatives and funding for wound care research and development. As an example, in 2023, the U.S. National Institutes of Health (NIH) allocated USD 2.5 billion toward chronic wound management and regenerative medicine, driving the need for bioactive wound care solutions to the forefront.

Segment Analysis

By Product

In 2023, the moist wound care segment dominated the market, accounting for 58% of the total revenue share. Moist wound care products, such as hydrocolloids, hydrogels, and alginate dressings, are widely used due to their ability to maintain a moist wound environment, which promotes faster healing and reduces scarring. These products are particularly effective for treating chronic wounds, such as diabetic foot ulcers and pressure ulcers. The antimicrobial dressings segment is also witnessing significant growth, driven by the increasing prevalence of wound infections and the need for infection control. Antimicrobial dressings are infused with agents such as silver, iodine, and honey, which prevent bacterial colonization and promote healing.

By Application

The general surgery segment dominated the bioactive wound care market in 2023, capturing 62% of the total revenue. This dominance is attributed to the widespread adoption of bioactive wound care products in surgical settings, where they play a critical role in preventing post-operative infections, reducing healing time, and improving patient outcomes. These products, including antimicrobial dressings, hydrocolloids, and bioengineered skin substitutes, are extensively used to manage surgical wounds by maintaining a moist environment and promoting tissue regeneration. The increasing number of surgical procedures, particularly in orthopedics and cardiovascular surgery, is a key growth driver. Rising healthcare expenditures, advancements in surgical techniques, and growing awareness of advanced wound care solutions further support market expansion.

Key Players in Bioactive Wound Care Market

- Smith & Nephew (ALLEVYN Life Foam Dressing, ACTICOAT Flex Antimicrobial Barrier Dressing)
- Mölnlycke Health Care (Mepilex Border Foam Dressing, Mepitel One Contact Layer)
- ConvaTec Group (AQUACEL Ag+ Extra Hydrofiber Dressing, DuoDERM Signal Hydrocolloid Dressing)
- 3M Healthcare (Tegaderm High-Performance Foam Dressing, V.A.C. Therapy)
- Coloplast (Biatain Silicone Foam Dressing, Comfeel Plus Hydrocolloid Dressing)
- Medtronic (Proximel Silicone Foam Dressing, Kendall Hydrogel Wound Dressing)
- Medline Industries (Optifoam Gentle Dressings, Silver Alginate Antimicrobial Dressing)
- Integra LifeSciences (Integra Meshed Bilayer Wound Matrix, PriMatrix Dermal Repair Scaffold)
- Organogenesis (Apligraf Bioengineered Skin Substitute, PuraPly Antimicrobial Wound Matrix)
- BSN Medical (Cutimed Sorbion Sachet Dressing, Cutimed Siltec B Foam Dressing)

- Advanced Tissue (Hydrofera Blue Ready Foam Dressing, Endoform Natural Dermal Template)
- Hartmann Group (HydroTac Foam Dressing, Sorbalgon Calcium Alginate Dressing)
- Derma Sciences (MediHoney Wound Gel, Xtrasorb Super Absorbent Dressing)
- MiMedx Group (EpiFix Amniotic Membrane Allograft, AmnioFix Injectable Allograft)
- Alliqua BioMedical (Biovance Collagen Wound Cover, Interfyl Injectable Human Connective Tissue Matrix)
- Hollister Incorporated (Restore Foam Dressing with Silver, TRIACT Advanced Foam Dressing)
- Health (Hydrocolloid Wound Dressing, Transparent Film Dressing)
- B. Braun Melsungen (Askina Calgitrol Ag Silver Alginate Dressing, Askina Foam Border Dressing)
- Acelyty (PROMOGRAN Prisma Matrix, TIELLE Plus Hydropolymer Dressing)
- Systagenix Wound Management (Adaptic Touch Non-Adherent Dressing, Silvercel Antimicrobial Alginate Dressing)

Regional Analysis

North America held the largest share of the global bioactive wound care market, accounting for nearly 43% share of the total market revenue in 2023. The dominance of this region is mainly due to the presence of a high number of chronic wounds, well-established healthcare infrastructure, and resistance in the wound care research and development. The U.S. is among the leading contributors here, where government programs like the Inflation Reduction Act of 2022 are allocating funds for the development of advanced Wound Care technologies. Europe is the second most significant market, supported by the old-age population and rising interest in regenerative medicine in the region. Horizon Europe, the EU research and innovation program, which funded EUR 1.2 billion for health research in 2023, is funding innovative bioactive approaches for wound care works.

The fastest-growing region in the forecast period includes Asia-Pacific, driven by the increasing pace of urbanization, expanding healthcare access, and the growing awareness regarding advanced wound care in the region. Market growth is further fuelled by the large investments in healthcare infrastructure in countries such as China and India.

Recent Developments

- In 2023, Smith & Nephew launched a new bioactive wound dressing infused with stem cells and growth factors, designed to accelerate tissue regeneration in chronic wounds. This product aligns with the growing demand for regenerative medicine in wound care.
- In 2023, ConvaTec Group plc expanded its production facilities in Europe to meet the rising demand for advanced wound care products. The expansion is part of the company's strategy to strengthen its market presence and support sustainable growth.

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