

# **Hydrogel Dressing Market Report by Product (Amorphous Hydrogel, Impregnated Hydrogel, Sheet Hydrogel), Material (Natural, Synthetic, Semi-synthetic), Application (Diabetic Foot Ulcer, Pressure Ulcer, Venous Leg Ulcer, Burn Wounds, and Others), End User (Hospital, Physician's Office, and Others), and Region 2024-2032**

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## **Abstracts**

The global hydrogel dressing market size reached US\$ 453.9 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 697.9 Million by 2032, exhibiting a growth rate (CAGR) of 4.75% during 2024-2032.

Hydrogel dressings rehydrate necrotic and sloughy tissue to effect debridement while providing moisture to wounds. They comprise water suspended in a gel made up of insoluble hydrophilic polymers, which swell up on contact with water. They are manufactured from polymers of synthetic molecules, such as polymethacrylate and polyvinylpyrrolidone. They control the exchange of fluid at the wound-bandage interface, promote granulation, and encourage complete healing. They assist in alleviating pain while preventing dead space from becoming infected. In addition, they boost wound re-epithelialization as hydrogel dressings partially mimic skin structure and enhance the growth of skin components. As a result, they find extensive applications in hospitals, specialty clinics, and home healthcare centers across the globe.

Hydrogel Dressing Market Trends:

At present, the growing prevalence of chronic wounds, such as venous, pressure, and ischemic ulcers, represents one of the key factors driving the market. Besides this, governments of several countries are undertaking initiatives to increase awareness

about the diagnosis and treatment of diabetic foot ulcers, which is contributing to the growth of the market. Moreover, key market players are extensively investing in research and development (R&D) activities to introduce cost-effective products for improving the treatment of chronic wounds. They are also focusing on marketing strategies to boost their sales. In addition, the growing utilization of hydrogel dressings to keep wounds clean by eliminating diseased or necrotic tissues via autolysis is offering a positive market outlook. Apart from this, the increasing demand for advanced wound care products to prevent surgical site infections is offering lucrative growth opportunities to industry investors. Additionally, there is a rise in the incidence of blood clotting in trauma cases around the world. This, along with the burgeoning healthcare industry, is bolstering the growth of the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global hydrogel dressing market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, material, application and end user.

#### Breakup by Product:

- Amorphous Hydrogel
- Impregnated Hydrogel
- Sheet Hydrogel

#### Breakup by Material:

- Natural
- Synthetic
- Semi-synthetic

#### Breakup by Application:

- Diabetic Foot Ulcer
- Pressure Ulcer
- Venous Leg Ulcer
- Burn Wounds
- Others

#### Breakup by End User:

Hospital  
Physician's Office  
Others

#### Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, Axelgaard Manufacturing Co Ltd, B Braun Melsungen AG (B. Braun Holding GmbH & Co. KG), Convatec Group plc, Hollister Incorporated, Integra LifeSciences, Lohmann & Rauscher GmbH & Co. KG (Lohmann & Rauscher International GmbH & Co. KG), McKesson Corporation, Medline Industries LP, Procyon Corporation and Smith & Nephew plc.

## Key Questions Answered in This Report

1. What was the size of the global hydrogel dressing market in 2023?
2. What is the expected growth rate of the global hydrogel dressing market during 2024-2032?
3. What are the key factors driving the global hydrogel dressing market?
4. What has been the impact of COVID-19 on the global hydrogel dressing market?
5. What is the breakup of the global hydrogel dressing market based on the product?
6. What is the breakup of the global hydrogel dressing market based on the material?
7. What is the breakup of the global hydrogel dressing market based on the application?
8. What is the breakup of the global hydrogel dressing market based on the end user?
9. What are the key regions in the global hydrogel dressing market?
10. Who are the key players/companies in the global hydrogel dressing market?

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