

# Global Vacuum Therapy Devices Market Size study, by Product Type (Negative Pressure Wound Therapy, Vacuum Constriction Devices) by Application (Chronic wounds, Acute Wounds, Erectile Dysfunction) and Regional Forecasts 2022-2032

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## Abstracts

Global Vacuum Therapy Devices Market is valued approximately at USD 2021.4 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.21% over the forecast period 2024-2032. A vacuum treatment device is a suction apparatus designed to remove air from a cupped area of a patient's skin. It is used for treating erectile dysfunction, promoting blood flow to specific body areas, aiding wound healing, and removing skin imperfections. There are two main types of vacuum therapy devices: negative pressure wound therapy (NPWT) devices and vacuum constriction devices. NPWT devices are employed for a range of vacuum therapies, including the treatment of erectile disorders. NPWT employs sub-atmospheric pressure in specialized equipment to facilitate the healing of both acute and chronic wounds, such as burns, diabetic ulcers, and arterial ulcers. These devices utilize a wound dressing to apply pressure, consisting of a vacuum pump, advanced wound dressing, and drainage tubing, all aimed at controlling suction power. NPWT devices contribute to promoting efficient wound healing by increasing blood flow to the affected area and extracting pus and debris from the wound. The rise in integration of advanced technology and growing digitalization is a key emerging trend that is poised to foster the growth of the Global Vacuum Therapy Devices Market during the estimated period of 2024-2032.

In addition, the growing awareness about the benefits of vacuum therapy and the rise in chronic disease cases are anticipated to drive market growth significantly. Vacuum therapy, primarily employed for wound healing purposes, is poised for increased adoption due to the escalating prevalence of wounds. A study published in the SAGE

Journal in August 2021 highlighted that venous leg ulcers (VLU) constitute 70% of all chronic leg ulcers, with a recurrence rate of 60-70% over ten years. Additionally, deep venous ulcers contribute to 90% of venous return to the right atrium from the lower extremities. Accordingly, the utilization of vacuum medical devices is expected to propel market expansion across the globe. Furthermore, the escalating incidence of injuries and road accidents is poised to bolster market expansion. As per the World Health Organization (WHO) Report as of December 2023, there are around 20-50 million individuals are projected to experience non-fatal injuries, which is generally leading to disabilities. Also, 92% of global road fatalities occur in low and middle-income countries, despite these nations accounting for around 60% of the world's vehicles. Even in high-income countries, individuals from lower socioeconomic backgrounds are disproportionately affected by road traffic accidents. Consequently, the rising prevalence of injuries because of road traffic incidents is anticipated to drive market growth in the anticipated years. However, high-cost of vacuum therapy devices along with the competition from alternative treatments are expected to hamper market growth during the forecast period of 2024-2032.

The key regions considered for the global Vacuum Therapy Devices Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market in terms of revenue because of owing the increase in number of road accidents and higher prevalence of chronic diseases, such as venous diseases. Moreover, it is anticipated that the market players' strategic activities propel the expansion of the regional market over the projected period. For instance, in September 2022, the Food and Drug Administration approved Applied Tissue Technologies' non-foam negative pressure wound care device. Whereas, the market in Asia Pacific is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Molnlycke Health Care AB

Talley Group Ltd

Augustus Medical Systems

Boston Scientific Corporation

Cardinal Health

Coloplast Corp

Smith & Nephew PLC

Vacurect

ConvaTec Inc.

Molnlycke Health Care AB

The detailed segments and sub-segment of the market are explained below:

**By Product Type**

Negative Pressure Wound Therapy

Vacuum Constriction Devices

**By Application**

Chronic wounds

Acute Wounds

Erectile Dysfunction

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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