

Global Microneedle Patch Transdermal Drug Delivery Systems Market Growth 2025-2031

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Abstracts

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The global Microneedle Patch Transdermal Drug Delivery Systems market size is predicted to grow from US\$ 3082 million in 2025 to US\$ 4199 million in 2031; it is expected to grow at a CAGR of 5.3% from 2025 to 2031.

The microneedle patch transdermal drug delivery system is applied to the patient's skin by attaching the microneedle to the drug delivery patch and effectively administering the drug for a certain period of time. This drug delivery system is simpler than traditional drug delivery methods and can also reduce a certain risk of infection, ensuring the safety of patients.

The global pharmaceutical market is 1475 billion USD in 2022, growing at a CAGR of 5% during the next six years. The pharmaceutical market includes chemical drugs and biological drugs. For biologics is expected to 381 billion USD in 2022. In comparison, the chemical drug market is estimated to increase from 1005 billion in 2018 to 1094 billion U.S. dollars in 2022. The pharmaceutical market factors such as increasing demand for healthcare, technological advancements, and the rising prevalence of chronic diseases, increase in funding from private & government organizations for development of pharmaceutical manufacturing segments and rise in R&D activities for drugs. However, the industry also faces challenges such as stringent regulations, high costs of research and development, and patent expirations. Companies need to continuously innovate and adapt to these challenges to stay competitive in the market and ensure their products reach patients in need. Additionally, the COVID-19 pandemic has highlighted the importance of vaccine development and supply chain management, further emphasizing the need for pharmaceutical companies to be agile and responsive

to emerging public health needs.

LP Information, Inc. (LPI) ' newest research report, the “Microneedle Patch Transdermal Drug Delivery Systems Industry Forecast” looks at past sales and reviews total world Microneedle Patch Transdermal Drug Delivery Systems sales in 2024, providing a comprehensive analysis by region and market sector of projected Microneedle Patch Transdermal Drug Delivery Systems sales for 2025 through 2031. With Microneedle Patch Transdermal Drug Delivery Systems sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Microneedle Patch Transdermal Drug Delivery Systems industry.

This Insight Report provides a comprehensive analysis of the global Microneedle Patch Transdermal Drug Delivery Systems landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Microneedle Patch Transdermal Drug Delivery Systems portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Microneedle Patch Transdermal Drug Delivery Systems market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Microneedle Patch Transdermal Drug Delivery Systems and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Microneedle Patch Transdermal Drug Delivery Systems.

This report presents a comprehensive overview, market shares, and growth opportunities of Microneedle Patch Transdermal Drug Delivery Systems market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Solid Microneedles

Hollow Microneedles

Dissolving Microneedles

Segmentation by Application:

Hospitals

Ambulatory Surgical Centers

Specialty Clinics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

3M

Becton

Endoderma

BD

Zosano Pharma

Raphas

Nanopass Tech

Corium International

Valeritas

Nitto Denko

Microdermics

TheraJect

Vaxxas

KINDEVA

QuadMedicine

SNvia

Small Lab

Lohmann Therapie-Systeme

AdminMed Nano BioSciences

Key Questions Addressed in this Report

What is the 10-year outlook for the global Microneedle Patch Transdermal Drug Delivery Systems market?

What factors are driving Microneedle Patch Transdermal Drug Delivery Systems market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Microneedle Patch Transdermal Drug Delivery Systems market opportunities vary by end market size?

How does Microneedle Patch Transdermal Drug Delivery Systems break out by Type, by Application?

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