

# Global Hollow Microneedle Technology Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

Hollow microneedles are similar to micron-sized injection needles and have the dual characteristics of injection and transdermal drug delivery. This method of drug delivery usually uses external pressure to make the drug solution pass through the holes of the hollow microneedle, thereby reaching the designated location in the skin, and ultimately achieves the purpose of drug delivery. One advantage of this method is that when using an external liquid driving device, the drug administration rate can be controlled and quantitative and precise drug delivery can be achieved. As a new type of transdermal drug delivery technology, hollow microneedles have shown great potential in the delivery of biomacromolecule drugs such as vaccines and insulin in recent years. However, the processing of hollow microneedles is relatively difficult, and the through holes in the needle body seriously affect the strength of the needle body, which is one of the key issues restricting its development. However, in recent years, with the emergence of micro-processing technology and the further development and promotion of hollow microneedle drug delivery technology, it is believed that hollow microneedles can become a commonly used drug delivery system in clinical practice and play a wider role in the prevention and treatment of diseases.

According to our (Global Info Research) latest study, the global Hollow Microneedle Technology market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Hollow Microneedle Technology market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as

key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

#### Key Features:

Global Hollow Microneedle Technology market size and forecasts, in consumption value (\$ Million), 2019-2030

Global Hollow Microneedle Technology market size and forecasts by region and country, in consumption value (\$ Million), 2019-2030

Global Hollow Microneedle Technology market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2019-2030

Global Hollow Microneedle Technology market shares of main players, in revenue (\$ Million), 2019-2024

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hollow Microneedle Technology

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hollow Microneedle Technology market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 3M, ALZA (J&J), Becton, CD Formulation, SPTS Technologies, Ascilion, Shanghai Lanwei Medical Technology Co., Ltd., Guangzhou Nali Biotechnology Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

#### Market segmentation

Hollow Microneedle Technology market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

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#### Market segment by Type

Micro Molding

Hot Press Forming

#### Market segment by Application

Extraction of Blood and Tissues

Anaesthetization

Preparing a Vaccine

#### Market segment by players, this report covers

3M

ALZA (J&J)

Becton

CD Formulation

SPTS Technologies

Ascilion

Shanghai Lanwei Medical Technology Co., Ltd.

Guangzhou Nali Biotechnology Co., Ltd.

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Hollow Microneedle Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Hollow Microneedle Technology, with revenue, gross margin, and global market share of Hollow Microneedle Technology from 2019 to 2024.

Chapter 3, the Hollow Microneedle Technology competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Hollow

Microneedle Technology market forecast, by regions, by Type and by Application, with consumption value, from 2024 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Hollow Microneedle Technology.

Chapter 13, to describe Hollow Microneedle Technology research findings and conclusion.

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