

Global Microneedle Market

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Abstracts

Report Scope:

The current report provides detailed information about the microneedle market. It highlights the current and future market potential for microneedles and provides a detailed analysis of the drivers, restraints, challenges, and opportunities in the market. The report also covers market projections for 2028 and includes the market rankings of key market players. It also covers the competitive environment and regulatory scenario.

The report details the market share of microneedles based on product and application. Based on product, the market is segmented into solid microneedles, hollow microneedles, coated microneedles, dissolving microneedles, and hydrogel microneedles. Based on application, the market is segmented into disease treatment, immunobiological administration, disease diagnosis, and dermatology applications. Hydrogel and disease diagnosis applications that are covered in the report are not commercially approved and are being used primarily by research organizations.

The market has been divided by geography into North America, Europe, Asia-Pacific, and the Rest of the World. The North American region comprises countries such as the U.S. and Canada; Europe includes Germany, the U.K., Italy, France, Spain, and the Rest of Europe; and Asia-Pacific includes China, India, Japan, South Korea, and the Rest of Asia-Pacific. For market estimates, data has been provided for 2020 and 2021 as the historical years and for 2022 as the base year, with forecasts for 2028.

Report Includes:

30 data tables and 37 additional tables

An overview of the global market for microneedles

Analysis of the global market trends, featuring historical revenue data for 2020 to 2022, estimated figures for 2023, as well as forecasts for 2028, including projections of compound annual growth rates (CAGRs) through 2028

Evaluation of the current market size and revenue growth prospects, accompanied by a market share analysis by type, application and geographical region

A look at the key market dynamics, the industry structure, regulatory landscape, current outlook and an analysis of the COVID-19 impact on the market for medical devices and microneedles

Discussion of the properties of the latest generation of smart microneedles, such as skin adhesion, dissolvability, responsiveness and tip-substrate detachability, as well as whether they are bionic, bioderived or biocompatible in nature

Review of patents on microneedle array technologies by assignee and products in the pipeline

Coverage of evolving technologies, ESG trends and clinical trials

Competitive benchmarking of key players, categorized by dermatology and vaccine and drug delivery, and their growth strategies

Profiles of leading market participants

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