

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

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
What's New in This Report?
Research Methodology
Information Sources
Geographic Breakdown
Segmentation Breakdown

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Market Outlook
Highlights of the Market for Microneedles

CHAPTER 3 MARKET OVERVIEW

Overview
History
Microneedle Materials and Manufacturing
Microneedle Pipeline
Regulatory Landscape
Product Recalls

CHAPTER 4 MARKET DYNAMICS

Market Drivers
Potential Applications of Microneedles
Rising Demand for Dermatology Procedures
Increasing Number of Infectious Diseases
Rising Demand for Minimally Invasive Drug Delivery
Market Restraints
Risks and Limitations of Using Microneedling Devices
Stringent Regulatory Scenario
Market Opportunities
R&D of Microneedles by Key Players

Market Challenges
Complex Manufacturing Process
Impact of COVID-19 on the Microneedle Market

CHAPTER 5 MARKET BREAKDOWN BY TYPE OF MICRONEEDLE

Market Overview
Market Share and Forecast
Solid Microneedles
Hollow Microneedles
Dissolving Microneedles
Coated Microneedles
Hydrogel Microneedles

CHAPTER 6 MARKET BREAKDOWN BY APPLICATION

Market Overview
Market Share and Forecast
Dermatology
Immunobiological Administration
Disease Treatment
Disease Diagnosis

CHAPTER 7 MARKET BREAKDOWN BY REGION

Global Market for Microneedles by Region
North America
U.S.
Canada
Europe
Germany
U.K
France
Italy
Spain
Rest of Europe
Asia-Pacific
Japan
China

India
South Korea
Rest of Asia-Pacific
Rest of the World

CHAPTER 8 ESG DEVELOPMENT

Introduction to ESG
Sustainability in Microneedle Industry: An ESG Perspective
Key ESG Issues
Microneedle Industry ESG Performance Analysis
Consumer Attitudes toward ESG in the Microneedle Market
Case Study
Concluding Remarks from BCC

CHAPTER 9 EMERGING TECHNOLOGIES

Introduction

3D-PRINTING TECHNOLOGY IN MICRONEEDLES

Drug Monitoring with Microneedles
Microneedle for Plant Disease Management
Smart Microneedles
Nanotechnology-Integrated Microneedles
Integration of Microneedles into Wearable Devices

CHAPTER 10 CLINICAL TRIALS AND PATENT ANALYSIS

Clinical Trial Analysis
Clinical Trial Analysis, by Type of Study
Clinical Trial Analysis, by Status
Clinical Trial Analysis, by Phase
Clinical Trial Analysis, by Region
Patent Analysis
Patents by Year
Patents by Top Applicant
Patents by Top Patent Holder
Patents by Jurisdiction

CHAPTER 11 COMPETITIVE INTELLIGENCE

Market Share Analysis

Recent Developments of Key Companies

CHAPTER 12 COMPANY PROFILES

BECTON, DICKINSON AND CO.

CANDELA CORP.

CLEARSIDE BIOMEDICAL

COSMED PHARMACEUTICAL CO. LTD.

CUTERA

CYNOSURE

DEBIOTECH SA

LTS LOHMANN THERAPIE-SYSTEME AG

MERCATOR MEDSYSTEMS INC.

MI.TO.PHARM GMBH

MICROPOINT TECHNOLOGIES

NANOBIOSCIENCES LLC

NANOPASS

THERAJECT INC.

VAXESS TECHNOLOGIES INC.

CHAPTER 13 APPENDIX: ACRONYMS

List Of Tables

LIST OF TABLES

Summary Table A : Global Market for Microneedles, by Type, Through 2028
Summary Table B : Global Market for Microneedles, by Region, Through 2028
Table 1 : Microneedle Materials
Table 2 : Microneedles: Materials and Manufacturing
Table 3 : Microneedle Pipeline
Table 4 : Recalled Microneedle Products
Table 5 : Comparison of Microneedles
Table 6 : Global Market for Microneedles, by Type, Through 2028
Table 7 : Types of Solid Microneedles and Fabrication Techniques
Table 8 : Global Market for Solid Microneedles, by Region, Through 2028
Table 9 : Compounds Delivered Using Hollow Microneedles
Table 10 : Global Market for Hollow Microneedles, by Region, Through 2028
Table 11 : Dissolvable Microneedle Pipeline
Table 12 : Global Market for Dissolving Microneedles, by Region, Through 2028
Table 13 : Global Market for Coated Microneedles, by Region, Through 2028
Table 14 : Global Market for Hydrogel Microneedles, by Region, Through 2028
Table 15 : Global Market for Microneedles, by Application, Through 2028
Table 16 : Global Market for Microneedles in Dermatological Applications, by Region, Through 2028
Table 17 : Global Market for Microneedles in Immunobiological Administration Applications, by Region, Through 2028
Table 18 : Global Market for Microneedles in Disease Treatment Applications, by Region, Through 2028
Table 19 : Global Market for Microneedles in Disease Diagnosis Applications, by Region, Through 2028
Table 20 : Global Market for Microneedles, by Region, Through 2028
Table 21 : North American Market for Microneedles, by Country, Through 2028
Table 22 : Facial Rejuvenation Procedures in Europe, by Country, 2022
Table 23 : European Market for Microneedles, by Country, Through 2028
Table 24 : Tuberculosis Burden in Asian Countries, by Country, 2021
Table 25 : Facial Rejuvenation Procedures in Asia, by Country, 2022
Table 26 : Asia-Pacific Market for Microneedles, by Country, Through 2028
Table 27 : Skin Rejuvenation Procedures in South America, by Country, 2022
Table 28 : ESG Rankings for Microneedle Companies, 2023*
Table 29 : ESG: Environmental Overview

Table 30 : ESG: Social Overview
Table 31 : ESG: Governance Overview
Table 32 : BD: ESG Overview
Table 33 : Clinical Trials on Microneedles, by Type of Study, October 2023
Table 34 : Clinical Trials on Microneedles, by Status, October 2023
Table 35 : Clinical Trials on Microneedles, by Phase, June 2023
Table 36 : Clinical Trials on Microneedles, by Region, October 2023
Table 37 : Patents Granted for Microneedles, by Top Applicant, 2018-2022
Table 38 : Patents Granted for Microneedles, by Top Owner, 2018-2022
Table 39 : Patents Granted for Microneedles, by Jurisdiction, 2018-2022
Table 40 : Microneedles: Company Ranking
Table 41 : Recent Developments, Global Microneedle Market, 2020-2023
Table 42 : BD: Financials/Revenue, 2021 and 2022
Table 43 : BD: Microneedle Products
Table 44 : Candela: Microneedle Products
Table 45 : Candela: Key Developments, 2020-2023
Table 46 : Clearside Biomedical Inc.: Microneedle Products
Table 47 : CosMED Pharmaceutical Co. Ltd.: Microneedle Products
Table 48 : Cutera: Financials/Revenue, 2021 and 2022
Table 49 : Cutera: Microneedle Products
Table 50 : Cutera: Key Developments, 2020
Table 51 : Cynosure: Microneedle Products
Table 52 : Cynosure: Key Developments, 2020 and 2021
Table 53 : Debiotech SA: Microneedle Products
Table 54 : LTS Lohmann Therapie-Systeme AG: Microneedle Products
Table 55 : LTS Lohmann Therapie-Systeme AG: Key Developments, 2021 and 2022
Table 56 : Mercator MedSystems: Microneedle Products
Table 57 : mi.to.pharm GmbH: Microneedle Products
Table 58 : Micropoint Technologies: Microneedle Products
Table 59 : nanoBioSciences LLC: Microneedle Products
Table 60 : NanoPass: Microneedle Products
Table 61 : NanoPass Technologies: Key Developments, 2021
Table 62 : TheraJect Inc.: Microneedle Products
Table 63 : Vaxess Technologies Inc.: Microneedle Products
Table 64 : Vaxess Technologies Inc.: Key Developments, 2021-2023
Table 65 : Acronyms Used in This Report

List Of Figures

LIST OF FIGURES

- Summary Figure A : Global Market for Microneedles, by Type, 2020-2028
- Summary Figure B : Global Market for Microneedles, by Region, 2020-2028
- Figure 1 : Transdermal Drug Delivery Methods
- Figure 2 : Microneedle Timeline, Since 1970s
- Figure 3 : Common Microneedle Manufacturing Methods
- Figure 4 : Microneedles: Market Dynamics
- Figure 5 : Estimates of Influenza Burden in the U.S., October 2022 to April 2023
- Figure 6 : Challenges in Manufacturing Microneedles
- Figure 7 : Global Market Shares of Microneedles, by Type, 2022
- Figure 8 : Solid Microneedles' Poke-and-patch Approach
- Figure 9 : Global Market for Solid Microneedles, by Region, 2020-2028
- Figure 10 : Hollow Microneedles' Poke-and-flow Approach
- Figure 11 : Global Market for Hollow Microneedles, by Region, 2020-2028
- Figure 12 : Dissolving Microneedles' Poke-and-release Approach
- Figure 13 : Global Market for Dissolving Microneedles, by Region, 2020-2028
- Figure 14 : Coated Microneedles' Coat-and-poke Approach
- Figure 15 : Global Market for Coated Microneedles, by Region, 2020-2028
- Figure 16 : Hydrogel Microneedle
- Figure 17 : Global Market for Hydrogel Microneedles, by Region, 2020-2028
- Figure 18 : Global Market Shares of Microneedles, by Application, 2022
- Figure 19 : Global Market for Microneedles in Dermatological Applications, by Region, 2020-2028
- Figure 20 : Global Market for Microneedles in Immunobiological Administration Applications, by Region, 2020-2028
- Figure 21 : Global Market for Microneedles in Disease Treatment Applications, by Region, 2020-2028
- Figure 22 : Global Market for Microneedles in Disease Diagnosis Applications, by Region, 2020-2028
- Figure 23 : Global Market Shares of Microneedles, by Region, 2022
- Figure 24 : North American Market Shares of Microneedles, by Country, 2022
- Figure 25 : U.S. Market for Microneedles, 2020-2028
- Figure 26 : Canadian Market for Microneedles, 2020-2028
- Figure 27 : European Market Shares of Microneedles, by Country, 2022
- Figure 28 : German Market for Microneedles, 2020-2028
- Figure 29 : U.K. Market for Microneedles, 2020-2028

- Figure 30 : French Market for Microneedles, 2020-2028
- Figure 31 : Italian Market for Microneedles, 2020-2028
- Figure 32 : Spanish Market for Microneedles, 2020-2028
- Figure 33 : Rest of European Market for Microneedles, 2020-2028
- Figure 34 : Asia-Pacific Market Shares of Microneedles, by Country, 2022
- Figure 35 : Japanese Market for Microneedles, 2020-2028
- Figure 36 : Chinese Market for Microneedles, 2020-2028
- Figure 37 : Indian Market for Microneedles, 2020-2028
- Figure 38 : South Korean Market for Microneedles, 2020-2028
- Figure 39 : Rest of Asia-Pacific Market for Microneedles, 2020-2028
- Figure 40 : Rest of the World Market for Microneedles, 2020-2028
- Figure 41 : ESG Pillars
- Figure 42 : Advantages of ESG for Companies
- Figure 43 : ESG Adoption Level Across All Industries, Global, 2021 and 2022
- Figure 44 : Share of ESG Penetration in the Microneedle Market, 2022
- Figure 45 : Patents Granted for Microneedles, by Year, 2018-2022
- Figure 46 : BD: Annual Financials/Revenue, 2021 and 2022
- Figure 47 : BD: Revenue Share, by Business Unit, 2022
- Figure 48 : BD: Revenue Share, by Region, 2022
- Figure 49 : Cutera Inc.: Annual Financials/Revenue, 2021 and 2022
- Figure 50 : Cutera Inc.: Revenue Share, by Business Unit, 2022
- Figure 51 : Cutera Inc.: Revenue Share, by Region, 2022

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