

# Needle-Free Devices: Technologies and Global Markets

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## Abstracts

### REPORT SCOPE:

This report provides a detailed description of needle-free devices and the latest technologies in the market. The report includes market estimates for different types of needle-free devices. The report also includes recent technological developments and assessments of product performance in the market.

Based on the product type, the global needle-free device market is segmented into Needle-free Injectors, Inhaler technologies, Transdermal patch technologies and Other novel technologies (e.g., microneedles and pen needles).

Based on the application, the global needle-free device market is segmented into Pain management, Vaccine delivery, Insulin delivery and Pediatric drug delivery.

The report includes a list of marketed and pipeline products available in the market. The report discusses the qualitative and quantitative factors influencing market growth. The market drivers, restraints and opportunities are discussed in the report.

This report discusses some of the major drivers and restraints in the global needle-free device market, as well as the competition in the global needle-free device market and the key players' strategies and performances. The discussion is focused on the major market players, trends in product launches, collaborations, and mergers and acquisitions. The report also emphasizes on the company profiles of major vendors including company overview, key product offerings, financial statistics, and other developments. The report also provides insights on the market share and upcoming regional demand for the needle-less technologies.

Some of the major market players discussed in the report are 3M, Antares Pharma AG, Medtronic, Novartis and Teva Pharmaceuticals. For market estimates, data has been provided for the year 2017 as the base year, with forecasts for 2018 through 2023. Estimated values used are based on manufacturers' total revenues. Projected and forecasted revenue values are in constant U.S. dollars, unadjusted for inflation.

## **REPORT INCLUDES:**

36 data tables and 34 additional tables

Detailed overview of the global markets for needle-free devices and technologies within the industry

Analyses of global market trends with data from 2017 and 2018, and projections of compound annual growth rates (CAGRs) through 2023

Country specific data and analysis for United States, Canada, Mexico, France, Germany, U.K., Spain, China, India, Japan, South Korea, Middle East and Africa

Assessment of the recent developments, key technological updates and product performance within the needle-free devices market

Insight into various needle-free technologies that are used in drug delivery and their various application areas

A look at the government regulations that can affect the global needle-free devices market

Identification of the competitive landscape of the market with the leading market players, suppliers and pharmaceutical partners

Profiles of major vendor companies, including 3M, AstraZeneca PLC, Bristol-Myers Squibb, GlaxoSmithKline PLC (GSK), Medtronic, Merck Serono S.A., and Teva Pharmaceutical Industries Ltd.

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ACTIVA BRAND PRODUCTS, INC.

AKRA DERMOJET

ALKERMES PLC

AMNIO TECHNOLOGY LLC.

ANTARES PHARMA, INC.

ARADIGM CORP.

ASTELLAS PHARMA, INC.

ASTRAZENECA PLC

BATTELLE

BESPAK EUROPE LTD.

BIOJECT MEDICAL TECHNOLOGIES

BRISTOL-MYERS SQUIBB

CLEARSIDE BIOMEDICAL, INC.

CORIUM INTERNATIONAL, INC.

CROSSJECT

CAPTISOL

D'ANTONIO CONSULTANTS INTERNATIONAL

DUOJECT MEDICAL SYSTEMS, INC.

DURECT CORP.

ECHO THERAPEUTICS

ENDO INTERNATIONAL

FERNDALE PHARMA GROUP, INC.

FERRING PHARMACEUTICALS, INC.

GERRESHEIMER AG

GLAXOSMITHKLINE PLC

GLIDE PHARMACEUTICAL TECHNOLOGIES LTD.

HASELMEIER GMBH



INJEX PHARMA AG  
JCR PHARMACEUTICALS CO. LTD.  
KEYSTONE INDUSTRIES  
LINEAGE THERAPEUTICS, INC.  
LOHMANN THERAPIE-SYSTEME AG  
MEDICAL INTERNATIONAL TECHNOLOGIES  
MEDTRONIC  
MERCK SERONO S.A.  
MINNESOTA RUBBER & PLASTICS  
MYLAN, INC.  
NANOPASS TECHNOLOGIES LTD.  
NATIONAL MEDICAL PRODUCTS, INC.  
NOVARTIS  
NOVEN PHARMACEUTICALS  
NOVO NORDISK A/S  
NYPRO, INC.  
PENJET CORP.  
SYNERON MEDICAL LTD.  
TEAM CONSULTING LTD.  
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THERAJECT, INC.  
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