

# **Needle-Free Drug Delivery Devices Market Size, Share & Trends Analysis Report By Application, By Technology (Jet Injectors, Inhaler, Transdermal Patch, Novel Needle Free), and Segment Forecasts, 2018 - 2025**

<https://marketpublishers.com/r/NDE66A79B03EN.html>

Date: December 2018

Pages: 90

Price: US\$ 5,950.00 (Single User License)

ID: NDE66A79B03EN

## **Abstracts**

**This report can be delivered to the clients within 24 Business Hours**

The global needle-free drug delivery device market size is poised to reach USD 16.27 billion by 2025, according to a new report by Grand View Research, Inc., progressing at a CAGR of 10.5% during the forecast period. Rising usage of injections in healthcare settings such as hospitals, clinics, and ambulatory surgical centers has led to spread of infectious diseases such as Hepatitis B, Hepatitis C, and AIDS, especially in developing countries. This acts as a key driver for the needle-less drug delivery devices industry. Furthermore, rising collaborations between market players is further likely to increase competitiveness of this market. For instance, PharmaJet and Mundipharma entered into a partnership in 2018 for distributing its needle free injectors over 120 markets globally.

Moreover, technological advancements in healthcare are expected to open new avenues for market players in applications such as cancer, AIDS, and Ataxic Cerebral Palsy. For instance, polycarbonate materials are being utilized in needle free injectors owing to their advantages such as design flexibility, toughness, light weight, and process ability. The most recent example of such technology is needle-free injection insulin delivery device manufactured by QS Medical Technology Co. (QS) in September 2018.

Further key findings from the report suggest:

Novel needle-less devices accounted for a significant share of more than 25.00% in 2017 owing to their wide array of applications

Based on applications, the vaccine delivery segment is estimated to exhibit a lucrative growth rate over the forecast period due to its increasing usage for pediatric patients

North America held the dominant share in the global arena in 2017, due to favorable government insurance policies and increased investments in R&D by healthcare companies

For instance, In May 2018, U.S. Congress approved “right to try” bill where patients can try unproven medical treatments and devices in case of serious illness such as orphan diseases, including NETs

The Asia Pacific needle-free medication transportation devices industry is anticipated to witness significant growth during the same period due to rising healthcare expenditure and growing investments by many companies in the healthcare sector

Additionally, several countries in this region are implementing laws that cater to adoption of medical devices. For instance, the Korea-U.S. Free Trade Agreement (KORUS FTA) was implemented on March 15, 2012, in which most of the medical devices in Korea were made duty free

Some of the key companies present in the market are Antares Pharma; Injex Pharma Ag; Verdict Media Limited; Valeritas, Inc.; and 3M Company

Industry participants are involved in extensive research activities to develop novel needless drug delivery injectors for applications such as pain management, insulin drug delivery, and vaccines delivery.

## Contents

### **CHAPTER 1 REPORT SCOPE**

- 1.1 Segment Market Scope
- 1.2 Regional Scope
- 1.3 Estimates & Forecast Timeline

### **CHAPTER 2 RESEARCH METHODOLOGY**

- 2.1 Model Details
  - 2.1.1 Regression and variable analysis
  - 2.1.2 Total addressable market (TAM)
- 2.2 Information Procurement
- 2.3 List Of Primary Sources
  - 2.3.1 Purchased database:
  - 2.3.2 GVR's internal database
- 2.4 Primary Interview Breakup
  - 2.4.1 Data for primary interviews, by sources
  - 2.4.2 Data for primary interviews, by region
- 2.5 List Of Secondary Sources

### **CHAPTER 3 REPORT OBJECTIVES**

- 3.1 Objectives

### **CHAPTER 4 EXECUTIVE SUMMARY**

- 4.1 Market Summary

### **CHAPTER 5 NEEDLE-FREE DRUG DELIVERY DEVICES MARKET: INDUSTRY OUTLOOK**

- 5.1 Market Variable Analysis
- 5.2 Market Driver Analysis
  - 5.2.1 Increasing incidences of infectious diseases
  - 5.2.2 Rising need of self-administration of the drug
  - 5.2.3 Introduction of technologically advanced needle-free drug delivery devices
  - 5.2.4 High demand for pain-free delivery

### 5.3 Market Restraints Analysis

#### 5.3.1 High cost of needle-free technology

### 5.4 Business Environment Analysis Tools

#### 5.4.1 Needle-Free Drug Delivery Devices Market - SWOT Analysis, By Factor (Political & Legal, Economic And Technological)

#### 5.4.2 Porter's Five Forces Analysis

## **CHAPTER 6 COMPETITIVE & VENDOR LANDSCAPE**

### 6.1 Market Participation Categorization

#### 6.1.1 Market leader

#### 6.1.2 Innovators

### 6.2 Strategic Initiatives & Outcome Analysis

## **CHAPTER 7 NEEDLE-FREE DRUG DELIVERY DEVICES MARKET: TECHNOLOGY ANALYSIS**

### 7.1 Technology Business Analysis

### 7.2 Jet Injectors

#### 7.2.1 jet injectors estimates and forecasts, 2014 - 2025 (USD Million)

### 7.3 Inhaler technology

#### 7.3.1 Inhaler technology market estimates and forecasts, 2014 - 2025 (USD Million)

### 7.4 Transdermal Patch Technology

#### 7.4.1 Transdermal Patch Technology market estimates and forecasts, 2014 - 2025 (USD Million)

### 7.5 Novel Needle-Free Technologies

#### 7.5.1 Novel Needle-Free Technologies market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 8 NEEDLE-FREE DRUG DELIVERY DEVICES MARKET: APPLICATION ANALYSIS**

### 8.1 Application Business Analysis

### 8.2 Vaccine Delivery

#### 8.2.1 Vaccine Delivery estimates and forecasts, 2014 - 2025 (USD Million)

### 8.3 Pain Management

#### 8.3.1 Pain Management market estimates and forecasts, 2014 - 2025 (USD Million)

### 8.4 Insulin Delivery

#### 8.4.1 Insulin Delivery Technology market estimates and forecasts, 2014 - 2025 (USD Million)

Million)

## 8.5 Pediatric Injections

8.5.1 Pediatric Injections market estimates and forecasts, 2014 - 2025 (USD Million)

## 8.6 Others

8.6.1 Others market estimates and forecasts, 2014 - 2025 (USD Million)

# **CHAPTER 9 NEEDLE-FREE DRUG DELIVERY DEVICES MARKET: BY TECHNOLOGY, BY APPLICATION, AND REGIONAL ANALYSIS**

## 9.1 North America

9.1.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.1.2 U.S.

9.1.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.1.3 Canada

9.1.3.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

## 9.2 Europe

9.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.2.2 Germany

9.2.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.2.3 U.K.

9.2.3.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

## 9.3 Asia Pacific

9.3.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.3.2 China

9.3.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.3.3 India

9.3.3.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.3.4 Japan

9.3.4.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

## 9.4 Latin America

9.4.1 Market Estimates And Forecasts, 2014 - 2025 (Usd Million)

### 9.4.2 Mexico

9.4.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.4.3 Brazil

9.4.3.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

## 9.5 MEA

9.5.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.5.2 South Africa

9.5.2.1 Market estimates and forecasts, 2014 - 2025 (USD Million)

## CHAPTER 10 COMPANY PROFILES

### 10.1 Key Company Profiles

#### 10.1.1 Antares Pharma

- 10.1.1.1 Company overview
- 10.1.1.2 Financial performance
- 10.1.1.3 Product benchmarking
- 10.1.1.4 Strategic initiatives

#### 10.1.2 INJEX Pharma AG

- 10.1.2.1 Company overview
- 10.1.2.2 Financial performance
- 10.1.2.3 Product benchmarking
- 10.1.2.4 Strategic initiatives

#### 10.1.3 Verdict Media Limited

- 10.1.3.1 Company overview
- 10.1.3.2 Product benchmarking
- 10.1.3.3 Strategic initiatives

#### 10.1.4 3M

- 10.1.4.1 Company overview
- 10.1.4.2 Product benchmarking
- 10.1.4.3 Strategic initiatives

#### 10.1.5 PharmaJet

- 10.1.5.1 Company overview
- 10.1.5.2 Product benchmarking
- 10.1.5.3 Strategic initiatives

#### 10.1.6 zonenix

- 10.1.6.1 Company overview
- 10.1.6.2 Product benchmarking
- 10.1.6.3 Strategic initiatives

#### 10.1.7 Inovio Pharmaceuticals, Inc.

- 10.1.7.1 Company overview
- 10.1.7.2 Product benchmarking
- 10.1.7.3 Strategic initiatives

#### 10.1.8 Valeritas, Inc

- 10.1.8.1 Company overview
- 10.1.8.2 Product benchmarking
- 10.1.8.3 Strategic initiatives

#### 10.1.9 PenJet

- 10.1.9.1 Company overview
- 10.1.9.2 Product benchmarking
- 10.1.9.3 Strategic initiatives

## **CHAPTER 11 RECOMMENDATIONS/CONCLUSION**

- 11.1 Recommendations
- 11.2 Conclusion

## List Of Tables

### LIST OF TABLES

Table 1 Country share estimation

Table 2 North America needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 3 North America needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 4 U.S. needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 5 U.S. needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 6 Canada needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 7 Canada needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 8 Europe needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 9 Europe needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 10 Germany needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 11 Germany needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 12 U.K. needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 13 U.K. needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 14 Asia Pacific needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 15 Asia Pacific needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 16 China needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 17 China needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 18 India needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)



Table 19 India needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 20 Japan needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 21 Japan needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 22 Latin America needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 23 Latin America needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 24 Mexico needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 25 Mexico needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 26 Brazil needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 27 Brazil needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 28 MEA needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 29 MEA needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

Table 30 South Africa needle-free drug delivery devices market, by technology, 2014 - 2025 (USD Million)

Table 31 South Africa needle-free drug delivery devices market, by application, 2014 - 2025 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Market segmentation
- Fig. 2 Market research process
- Fig. 3 Value chain-based sizing & forecasting
- Fig. 4 QFD modeling for market share assessment
- Fig. 5 Components: TAM
- Fig. 6 Information procurement
- Fig. 7 Primary interviews, by sources
- Fig. 8 Primary interviews, by region
- Fig. 9 Needle-free drug delivery devices market revenues, 2017 (USD Millions)
- Fig. 10 Market trends & outlook
- Fig. 11 Market driver relevance analysis (Current & future impact)
- Fig. 12 Market driver relevance analysis (Current & future impact)
- Fig. 13 Needle-free drug delivery devices market - SWOT analysis, by factor (political & legal, economic and technological)
- Fig. 14 Porter's five forces analysis
- Fig. 15 Market participant categorization
- Fig. 16 Strategy framework analysis, 2017
- Fig. 17 Needle-free drug delivery devices market technology outlook: Key takeaways
- Fig. 18 Needle-free drug delivery devices market: Technology movement analysis
- Fig. 19 Global jet injectors market, 2014 - 2025 (USD Million)
- Fig. 20 Global inhaler technology market, 2014 - 2025 (USD Million)
- Fig. 21 Global transdermal patch technology market, 2014 - 2025 (USD Million)
- Fig. 22 Global novel needle-free technologies market, 2014 - 2025 (USD Million)
- Fig. 23 Needle-free drug delivery devices market application outlook: Key takeaways
- Fig. 24 Needle-free drug delivery devices market: Application movement analysis
- Fig. 25 Global vaccine delivery market, 2014 - 2025 (USD Million)
- Fig. 26 Global pain management market, 2014 - 2025 (USD Million)
- Fig. 27 Global insulin delivery market, 2014 - 2025 (USD Million)
- Fig. 28 Global pediatric injections market, 2014 - 2025 (USD Million)
- Fig. 29 Global others market, 2014 - 2025 (USD Million)
- Fig. 30 Regional marketplace: Key takeaways
- Fig. 31 Regional outlook, 2014 - 2025 (USD Million)
- Fig. 32 North America needle-free drug delivery devices market, 2014 - 2025 (USD Million)
- Fig. 33 U.S. needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 34 Canada needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 35 Europe needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 36 Germany Needle-Free Drug Delivery Devices Market, 2014 - 2025 (USD Million)

Fig. 37 U.K. needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 38 Asia Pacific needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 39 China needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 40 India needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 41 Japan needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 42 Latin America needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 43 Mexico needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 44 Brazil needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 45 MEA needle-free drug delivery devices market, 2014 - 2025 (USD Million)

Fig. 46 South Africa needle-free drug delivery devices market, 2014 - 2025 (USD Million)

## I would like to order

Product name: Needle-Free Drug Delivery Devices Market Size, Share & Trends Analysis Report By Application, By Technology (Jet Injectors, Inhaler, Transdermal Patch, Novel Needle Free), and Segment Forecasts, 2018 - 2025

Product link: <https://marketpublishers.com/r/NDE66A79B03EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NDE66A79B03EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970