

# **Global Needle-Free Vaccine Injectors Market Size study, by Product type (Fillable Needle-free injection, Prefilled Needle-free injection) by Usability (Reusable Needle-free injection, disposable Needle-free injection) by Site of delivery (Intra dermal injection, Intramuscular injection, subcutaneous injection) by Technology (laser-based needle free injection, vibration-based needle free injection, spring-based needle free injection, Jet-based needle free injection) and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/GA7E59B78D92EN.html>

Date: August 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA7E59B78D92EN

## **Abstracts**

Global Needle-Free Vaccine Injectors Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2021-2027. Needle-free injector, also known as needle less injection, is a tool used to push fluid medications, medicines and vaccines into the body through the skin by a combination of pressure and high velocity from syringe without a needle. The major factor driving the growth of market is increasing number of communicable diseases due to injuries from used needle and syringe, As per AMA Journal of Ethics, needle stick injuries are common in health care sector. It is estimated that 600,000 to 800,000 needle stick injuries are reported per year in the United States. As per jcrsmed.org, globally, more than 35 million health care workers are at risk of acquiring needle stick injuries every year. Rising population of diabetic patients globally, is increasing the demand for needle-free insulin delivery devices. According to idf.org, approximately 463 million adults (20 to 79 years) in 2019 were suffering from diabetes and by 2045, this number is expected to rise up to 700 million. However, high

development cost of Needle-free injections as compared to needle injections, lack of skilled professional & restricted use of needle-free injectors may impede the growth of the market over the forecast period of 2021-2027. Also, growing demand for vaccination and self-injection devices is likely to increase the market growth during the forecast period.

The region wise analysis of the global Needle-Free Vaccine Injectors market study is considered for the following key regions; Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to growth in healthcare sectors and the regulatory approval for new needle-free vaccine injection. Whereas, Europe is also anticipated to exhibit the highest CAGR over the forecast period 2021-2027. Factors such as growing prevalence of chronic diseases and merger and acquisition by major companies would create lucrative growth prospects for the Needle-Free Vaccine Injectors across the European.

Major market player included in this report are:

INJEX pharma AG

Endo International plc

Antares Pharma, Inc

PharmaJet

Bioject Medical Technologies Inc

European Pharma Group

Valeritas, Inc

Medicals International Technologies, Inc

National Medical Products Inc.

Penjet Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product type:

Fillable Needle-free injection

Prefilled Needle-free injection

**By Usability:**

Reusable Needle-free injection  
Disposable Needle-free injection

**By Site of Delivery:**

Intra dermal injection  
Intramuscular injection  
Subcutaneous injection

**By Technology:**

laser-based needle free injection  
Vibration-based needle free injection  
Spring-based needle free injection  
Jet-based needle free injection

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Needle-Free Vaccine Injectors in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Needle-Free Vaccine Injectors Market, by region, 2019-2027 (USD Billion)
  - 1.2.2. Needle-Free Vaccine Injectors Market, by Product type, 2019-2027 (USD Billion)
  - 1.2.3. Needle-Free Vaccine Injectors Market, by Usability, 2019-2027 (USD Billion)
  - 1.2.4. Needle-Free Vaccine Injectors Market, by Site of delivery, 2019-2027 (USD Billion)
  - 1.2.5. Needle-Free Vaccine Injectors Market, by Technology, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET DYNAMICS

- 3.1. Needle-Free Vaccine Injectors Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing communicable disease due to needle stick injuries
    - 3.1.1.2. Rising number of diabetic patients
  - 3.1.2. Market Challenges
    - 3.1.2.1. High development cost
    - 3.1.2.2. Lack of skilled professionals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing demand for vaccination and self-injection device

### CHAPTER 4. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET INDUSTRY

## **ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET, BY PRODUCT TYPE**

- 5.1. Market Snapshot
- 5.2. Global Needle-Free Vaccine Injectors Market by Product type, Performance - Potential Analysis
- 5.3. Global Needle-Free Vaccine Injectors Market Estimates & Forecasts by Product type 2018-2027 (USD Billion)
- 5.4. Needle-Free Vaccine Injectors Market, Sub Segment Analysis
  - 5.4.1. Fillable Needle-free injection
  - 5.4.2. Prefilled Needle-free injection

## **CHAPTER 6. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET, BY USABILITY**

- 6.1. Market Snapshot
- 6.2. Global Needle-Free Vaccine Injectors Market by Usability, Performance - Potential Analysis
- 6.3. Global Needle-Free Vaccine Injectors Market Estimates & Forecasts by Usability 2018-2027 (USD Billion)
- 6.4. Needle-Free Vaccine Injectors Market, Sub Segment Analysis
  - 6.4.1. Reusable Needle-free injection

#### 6.4.2. Disposable Needle-free injection

### **CHAPTER 7. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET, BY SITE OF DELIVERY**

#### 7.1. Market Snapshot

#### 7.2. Global Needle-Free Vaccine Injectors Market by Site of delivery, Performance - Potential Analysis

#### 7.3. Global Needle-Free Vaccine Injectors Market Estimates & Forecasts by Site of delivery 2018-2027 (USD Billion)

#### 7.4. Needle-Free Vaccine Injectors Market, Sub Segment Analysis

##### 7.4.1. Intra dermal injection

##### 7.4.2. Intramuscular injection

##### 7.4.3. Subcutaneous injection

### **CHAPTER 8. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET, BY TECHNOLOGY**

#### 8.1. Market Snapshot

#### 8.2. Global Needle-Free Vaccine Injectors Market by Technology, Performance - Potential Analysis

#### 8.3. Global Needle-Free Vaccine Injectors Market Estimates & Forecasts by Technology 2018-2027 (USD Billion)

#### 8.4. Needle-Free Vaccine Injectors Market, Sub Segment Analysis

##### 8.4.1. laser-based needle free injection

##### 8.4.2. Vibration-based needle free injection

##### 8.4.3. Spring-based needle free injection

##### 8.4.4. Jet-based needle free injection

### **CHAPTER 9. GLOBAL NEEDLE-FREE VACCINE INJECTORS MARKET, REGIONAL ANALYSIS**

#### 9.1. Needle-Free Vaccine Injectors Market, Regional Market Snapshot

#### 9.2. North America Needle-Free Vaccine Injectors Market

##### 9.2.1. U.S. Needle-Free Vaccine Injectors Market

###### 9.2.1.1. Product type breakdown estimates & forecasts, 2018-2027

###### 9.2.1.2. Usability breakdown estimates & forecasts, 2018-2027

###### 9.2.1.3. Site of delivery breakdown estimates & forecasts, 2018-2027

###### 9.2.1.4. Technology breakdown estimates & forecasts, 2018-2027

- 9.2.2. Canada Needle-Free Vaccine Injectors Market
- 9.3. Europe Needle-Free Vaccine Injectors Market Snapshot
  - 9.3.1. U.K. Needle-Free Vaccine Injectors Market
  - 9.3.2. Germany Needle-Free Vaccine Injectors Market
  - 9.3.3. France Needle-Free Vaccine Injectors Market
  - 9.3.4. Spain Needle-Free Vaccine Injectors Market
  - 9.3.5. Italy Needle-Free Vaccine Injectors Market
  - 9.3.6. Rest of Europe Needle-Free Vaccine Injectors Market
- 9.4. Asia-Pacific Needle-Free Vaccine Injectors Market Snapshot
  - 9.4.1. China Needle-Free Vaccine Injectors Market
  - 9.4.2. India Needle-Free Vaccine Injectors Market
  - 9.4.3. Japan Needle-Free Vaccine Injectors Market
  - 9.4.4. Australia Needle-Free Vaccine Injectors Market
  - 9.4.5. South Korea Needle-Free Vaccine Injectors Market
  - 9.4.6. Rest of Asia Pacific Needle-Free Vaccine Injectors Market
- 9.5. Latin America Needle-Free Vaccine Injectors Market Snapshot
  - 9.5.1. Brazil Needle-Free Vaccine Injectors Market
  - 9.5.2. Mexico Needle-Free Vaccine Injectors Market
- 9.6. Rest of The World Needle-Free Vaccine Injectors Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. INJEX Pharma AG
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Endo International Plc.
  - 10.2.3. Antares Pharma, Inc
  - 10.2.4. PharmaJet
  - 10.2.5. Bioject Medical Technology, Inc
  - 10.2.6. European Pharma Group
  - 10.2.7. Valeritas, Inc
  - 10.2.8. Medicals International Technologies, Inc
  - 10.2.9. National Medicals Products Inc.
  - 10.2.10. Penjet Corporation



## **CHAPTER 11. RESEARCH PROCESS**

### 11.1. Research Process

#### 11.1.1. Data Mining

#### 11.1.2. Analysis

#### 11.1.3. Market Estimation

#### 11.1.4. Validation

#### 11.1.5. Publishing

### 11.2. Research Attributes

### 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Needle-Free Vaccine Injectors market, report scope

TABLE 2. Global Needle-Free Vaccine Injectors market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Needle-Free Vaccine Injectors market estimates & forecasts by Product type 2018-2027 (USD Billion)

TABLE 4. Global Needle-Free Vaccine Injectors market estimates & forecasts by Usability 2018-2027 (USD Billion)

TABLE 5. Global Needle-Free Vaccine Injectors market estimates & forecasts by Site of delivery 2018-2027 (USD Billion)

TABLE 6. Global Needle-Free Vaccine Injectors market estimates & forecasts by Technology type 2018-2027 (USD Billion)

TABLE 7. Global Needle-Free Vaccine Injectors market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Needle-Free Vaccine Injectors market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Needle-Free Vaccine Injectors market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Needle-Free Vaccine Injectors market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Needle-Free Vaccine Injectors market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Needle-Free Vaccine Injectors market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Needle-Free Vaccine Injectors market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Needle-Free Vaccine Injectors market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Needle-Free Vaccine Injectors market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Needle-Free Vaccine Injectors market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. U.S. Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. U.S. Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 19. U.S. Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Canada Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 22. Canada Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 24. UK Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. UK Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 27. Germany Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. Germany Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 30. RoE Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. RoE Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 33. China Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. China Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 36. India Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. India Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan Needle-Free Vaccine Injectors market estimates & forecasts,

2018-2027 (USD Billion)

TABLE 39. Japan Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. Japan Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 42. RoAPAC Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. RoAPAC Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 45. Brazil Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. Brazil Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 48. Mexico Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. Mexico Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 51. RoLA Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. RoLA Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Needle-Free Vaccine Injectors market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 54. Row Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Row Needle-Free Vaccine Injectors market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Needle-Free Vaccine Injectors market

TABLE 57. List of primary sources, used in the study of global Needle-Free Vaccine Injectors market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Needle-Free Vaccine Injectors market, research methodology
- FIG 2. Global Needle-Free Vaccine Injectors market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Needle-Free Vaccine Injectors market, key trends 2020
- FIG 5. Global Needle-Free Vaccine Injectors market, growth prospects 2021-2027
- FIG 6. Global Needle-Free Vaccine Injectors market, porters 5 force model
- FIG 7. Global Needle-Free Vaccine Injectors market, pest analysis
- FIG 8. Global Needle-Free Vaccine Injectors market, value chain analysis
- FIG 9. Global Needle-Free Vaccine Injectors market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Needle-Free Vaccine Injectors market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Needle-Free Vaccine Injectors market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Needle-Free Vaccine Injectors market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Needle-Free Vaccine Injectors market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Needle-Free Vaccine Injectors market, regional snapshot 2018 & 2027
- FIG 15. North America Needle-Free Vaccine Injectors market 2018 & 2027 (USD Billion)
- FIG 16. Europe Needle-Free Vaccine Injectors market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Needle-Free Vaccine Injectors market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Needle-Free Vaccine Injectors market 2018 & 2027 (USD Billion)
- FIG 19. Global Needle-Free Vaccine Injectors market, company market share analysis (2020)

## I would like to order

Product name: Global Needle-Free Vaccine Injectors Market Size study, by Product type (Fillable Needle-free injection, Prefilled Needle-free injection) by Usability (Reusable Needle-free injection, disposable Needle-free injection) by Site of delivery (Intra dermal injection, Intramuscular injection, subcutaneous injection) by Technology (laser-based needle free injection, vibration-based needle free injection, spring-based needle free injection, Jet-based needle free injection) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/GA7E59B78D92EN.html>

Price: US\$ 4,950.00 (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/GA7E59B78D92EN.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