

Novel Vaccine Delivery Systems Market by Delivery Mode (Intradermal, Subcutaneous, Intramuscular, and Other), Device (Syringe, Needle-Free Injection System, and Others): Global Opportunity Analysis and Industry Forecast, 2021–2030.

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Abstracts

The global novel vaccine delivery systems market was valued at \$5,030 million in 2020 and is projected to reach \$14,437 million by 2030 registering a CAGR of 10.8% from 2021 to 2030.

Vaccines, often known as immunizations, inject a weakened form of a pathogen into a person to cause the body to produce antibodies or immunity against the illness. A number of diseases with significant mortality rates, such as polio and smallpox, have been eliminated owing to effective vaccinations. Vaccinations are used in a variety of regional disease-prevention programs since they serve such an important role in maintaining people's long-term health in different countries. The need for immunizations has risen in recent years as the frequency of viral and bacterial infectious illnesses has increased. Vaccines are essentially administered to people of different age groups, which strengthen their immune system throughout lifetime and offers protection against different types of infectious diseases. The term 'novel vaccine delivery' refers to the systems that are used to safely deliver an active medicinal component into the body.

The driving factors that drive the novel vaccine delivery systems market growth include, growing immunization programs & their increasing coverage, increasing government support for various immunization programs and investment for R & D to develop new vaccines. In addition, development of novel vaccines for treating various diseases further boosts the growth of the market. However, high cost and unaffordability of safety syringes as well as alternative modes of drug delivery restrains the growth of the

market. In contrast, rise in need for safety syringes in emerging economies and FDA approval to COVID 19 Vaccine create lucrative opportunities for the novel vaccine delivery system.

The global novel vaccine delivery systems market is segmented into delivery mode, device and region. On the basis of delivery mode, the market is categorized into intradermal, subcutaneous, intramuscular, and other. By device, it is classified into syringe, needle-free injection system, and others. Syringe again classified into conventional syringe and smart syringe. Smart syringe again segmented into active safety syringes, passive safety syringes, and auto disable syringes. Needle-free injection system again classified into spring-based injector systems, gas propelled/air forced injector system, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

KEY BENEFITS FOR STAKEHOLDERS

The study provides an in-depth analysis of the global novel vaccine delivery systems market along with the current trends and future estimations to explain the imminent investment pockets.

A comprehensive analysis of the factors that drive and restrict the market growth is provided in the report.

Comprehensive quantitative analysis of the industry from 2020 to 2030 is provided to enable the stakeholders to capitalize on the prevailing market opportunities.

Extensive analysis of the key segments of the industry helps to understand the application and products of novel vaccine delivery systems used across the globe.

Key market players and their strategies have been analyzed to understand the competitive outlook of the market.

KEY MARKET SEGMENTS

Novel Vaccine Delivery Systems Market by Delivery Mode (Intradermal, Subcutaneous, Intramuscular, and Other),...

By Delivery Mode

Intradermal

Subcutaneous

Intramuscular

Other

By Device

Syringe

Conventional Syringe

Smart Syringe

Active Safety Syringes

Passive Safety Syringes

Auto Disable Syringes

Needle free injection System

Spring-based Injector Systems

Gas Propelled/Air Forced Injector Systems

Others

Others

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

LIST OF KEY PLAYERS PROFILED IN THE REPORT

Altaris Capital Partners, LLC (Kindeva Drug Delivery)

Becton, Dickinson, and Company

Carl Zeiss Foundation (Schott AG)

Gerresheimer AG

Gurnet Point Capital (Corium International Inc.)

Inovio Pharmaceuticals, Inc. (Bioject Medical Technologies)

PharmaJet, Inc.

Retractable Technologies, Inc.

Terumo Corporation

VAXXAS Pty Ltd.

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