

Pen Injectors

Devices, Drugs and
Combination Products

Report Prospectus



Greystone Research
associates

Greystone Research Associates is pleased to announce the publication of a new market study. Pen Injectors: Commercial Devices, Combination Products and Market Impact is a comprehensive evaluation and analysis of the technology, products and participants providing the driving force behind this evolving segment of the drug delivery sector.

The study is designed to provide drug company decision makers, drug delivery developers, device designers, healthcare marketers, and supply chain participants with a detailed understanding of the economics, technologies, disease segments, and commercial opportunities for pen injectors and related injectable devices. Provider organization business managers, healthcare administrators and investors will also benefit from this study.

[Ergonomic Designs, Patient Features and Therapeutic Compliance](#)

The administration of therapeutic drugs via injection is an indispensable delivery method for numerous drugs critical to patient health and well-being. Now this segment is evolving in response to changing patient populations, new classes of powerful therapeutic drugs and healthcare administration initiatives. Population demographics and efforts by managed care providers to control healthcare costs are driving the growth in drug self-administration, particularly for chronic conditions, introducing a new class of naïve users to parenteral drug delivery. User-friendly syringe and injection device designs and the availability of an increasing number of drugs in pre-filled insertable and disposable cartridges are propelling the growth of prefilled syringes for self-administration. The cost of biologicals such as recombinant proteins has created interest in prefilled syringes to reduce cost and waste associated with the handling of vial-packaged drugs. This report analyzes eleven important prefilled syringe therapeutic segments including chronic diseases such as diabetes, autoimmune disorders, and hormone replacement, as well as anemia, hepatitis, reproductive health, metabolic diseases, and emergency medicine.

Executive Summary

Injectable Drug Sector Market Dynamics

The Injectable Drug Ecosystem

Drug Classes, Indications and Demand

What's Driving the Growth in Pen Injectors

Biological Drugs Proliferating

Growth of Self-Administration

Shifting Demographics

Device Design Innovation

Competitive Landscape

Risk Factors

Pen Injector Design Selection Factors

Standardized Pen Platforms

Custom Pen Designs

Reusable Pens

Prefilled Pen Cartridges

Disposable Pens

Dual Chamber Pens

Variable vs Fixed Dosing

Autoinjectors

Reusable Autoinjectors

Disposable Autoinjectors

Important Pen-Delivered Drug Classes

Anticholinergics

Dopamine Receptors

Hematopoietics

Human Growth Hormone

Immune Modulators

Insulins and Antihyperglycemics

Parathyroid Hormone

Reproductive Hormones

Serotonin Antagonists

Sympathomimetics

Pen Injectors - Therapeutic Sector Assessment

Anemia

Inflammatory Autoimmune Diseases

Diabetes

Emergency Medicine

Hepatitis

Hormone Replacement

Multiple Sclerosis

Osteoporosis

Reproductive Health

Other Commercial Pen Markets & Products

Market Factors

Regulatory Considerations

Patient Preferences and Compliance

Managed Care Initiatives

Private Labeling

Pen Injectors - Company Profiles

Feature Summary

- Provides detailed analysis of pen injector market segments, market dynamics and market demographics
- Analyzes therapeutic demand drivers and evaluates commercial pen injector products in eleven major therapeutic segments
- Analyzes design factors, material selection issues, technologies and market development issues
- Charts product data, market share, and forecasts by drug class and indication to 2016
- Profiles injectable drug and device participants, their pen injector product development activities, business strategies, and corporate alliances and affiliations
- Evaluates the impact of economic, technology, and regulatory factors

Report Format and Availability

This report is available in electronic format. A site license for a single physical location and an Enterprise license are also available.

Methodology

Research methodology is based on primary research in the form of in-depth interviews with key market participants, technology developers, distributors, industry experts, and market influencers, a list that includes regulatory officials, industry trade groups, and materials standards organizations.

Primary data is evaluated and normalized against secondary sources including trade journal articles, technical literature, industry publications, company data sheets and published information, and statistical data from government agencies and trade associations.

Forecasts and projections of market demand and future market activity are derived using standard modeling and statistical techniques.

About Greystone Research Associates

Greystone Research Associates is a medical technology consulting firm focused on the areas of medical market strategy, product commercialization, venture development, and market research. We assist medical and healthcare market participants in achieving their business objectives through the creation of detailed development strategies, product commercialization programs, and comprehensive market and technology research and analysis.

Our market research publications are designed, researched and written to provide timely and insightful information and data on focused market segments, with the aim of providing market participants with the essential knowledge to refine and execute their marketing plans and financial targets.

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Pen Injectors: Devices, Drugs and Combination Products

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