Pen Injection Devices to 2024

Products, Therapeutic Markets, Strategies & Forecasts

Report Brochure

Greystone Research Associates
Greystone Research Associates is pleased to announce the publication of a new market assessment. *Pen Injection Devices to 2024: Products, Therapeutic Markets, Strategies & Forecasts* is a comprehensive evaluation and analysis of the technology, products and participants providing the driving force behind this evolving segment of the healthcare 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 cartridge–based injection devices designed to automate and simplify the injection process for administration by the patient. Provider organization business managers, healthcare administrators and investors will also benefit from this study.

### The Convergence of Technology and Safety

User-friendly syringe and injection device designs and the availability of an increasing number of drugs in prefilled insertable and disposable cartridges are propelling the growth of pen injection devices for self-administration. The cost of biologicals such as recombinant proteins has created interest in pen injectors to reduce cost and waste associated with the handling of vial-packaged drugs. A second factor is the continued adoption of custom pen designs as a way of differentiating injectables developed for self-administration through product branding. These devices feature one or more user-friendly features to further the product’s desirability relative to competing options.
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- Indications and Demand

#### The Pen Injection Device Market
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- Biological Drugs Proliferating
- Growth of Self-Administration
- Shifting Demographics
- Device Design Innovation

#### Competitive Landscape
- Risk Factors

## Pen Injection Device Design Factors

#### Standardized Pen Platforms
- Custom Pen Designs
- Reusable Pens
- Prefilled Pen Cartridges
- Disposable Pens
- Dual Chamber Pens
- Variable vs Fixed Dosing
- Connected Pens

## Important Pen-Delivered Drug Classes

- Antibodies
- 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
- Osteoporosis
- Reproductive Health
- Other Commercial Pen Markets & Products

## Market Factors

- Regulatory Considerations
- Patient Preferences and Compliance
- Managed Care Initiatives
- Private Labeling

## Company Profiles
What You Will Learn

- What injectable drugs are supplied in pen injection devices; what are the key market segments, market dynamics and market demographics?
- What are the key therapeutic segments, demand drivers and commercial pen products?
- What are the design factors, material selection issues, technologies and market development issues?
- How big is the pen injection device market? How fast is it growing? What will it look like in 2024?
- Who are the leading device and drug sector participants, their product development activities, business strategies, and corporate alliances and affiliations?
- What is the importance of pharma-device alliances and design partnerships on pen injection device commercialization and market access?
- What are the significant economic, technology, and regulatory factors affecting the market for pen injection devices?

Report Format and Availability

This report is available electronic format. A site license for a single physical location and a corporate license are also available. Custom licensing options to address specific company user requirements are available by calling client services at 603-595-4340, or by emailing clientservices@greystoneassociates.org.

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 Associates

Greystone 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.
Ordering Information

Orders may be placed via postal mail, e-mail or fax. Orders not accompanied by a purchase order must contain a telephone number for verification, and clearly indicate the physical shipping address and billing address.

Payment

We accept the following forms of payment:

**Company Check**: Please make checks payable to ‘Greystone Associates’

**Credit Cards**: We accept MasterCard, Visa and American Express

**Wire Transfers**: See ‘Wire Transfers’ below for more information

Orders Outside the U.S.

Orders must be prepaid via credit card, company check in US funds and drawn on a US bank, or wire transfer.

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**Products, Therapeutic Markets, Strategies & Forecasts**

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