

## Executive Summary

### Injectable Drug Delivery Market Dynamics

- The Injectable Drug Ecosystem
- Injectable Drug Demand Drivers
- Drug Development Factors
- Market Factors
- Technology Factors
- Competitive Landscape
- Autoinjectors
- Needle-free Injectors
- Pen Injectors
- Prefilled Syringes
- Safety Syringes
- Risks and Opportunities

### Injectable Drug Device Selection Criteria

- Stability and Material Selection Issues
- Single vs Multi-Dose Devices
- Lyophilized Drugs/Reconstitution
- Syringe Safety/Sharps Protection
- Needle Configuration Strategies
- Disposable Drug Cartridges
- Human Engineering/Ergonomics
- Branding/Private Labeling

### Injectable Drug Delivery – Device Segments

- Autoinjectors
- Autoinjector-specific Selection Factors
- Part Counts and Device Cost
- Safety Features
- Needle Shielding
- Needle Insertion Depth
- Failsafe Activation
- Dose Inspection/Injection Confirmation
- Autoinjector Device Categories
- Reusable Autoinjectors
- Disposable Autoinjectors
- Product Specific Autoinjectors

## Drugs and Therapeutic Segments

Needle-free Injectors

Device Categories

End User/Practitioner/Mass Immunization Injectors

Prefilled Disposable Models

Refillable Cartridge Designs

Needle-free Injector-specific Selection Factors

Energy Source

Injection Site Selection

Pen Injectors

Pen Injector Device Categories

Standardized Pen Platforms

Custom Pen Designs

Reusable Pens

Prefilled Pen Cartridges

Disposable Pens

Dual Chamber Pens

Branded Drug/Pen Injector Product by Therapeutic Segment

Prefilled Syringes

Prefilled Syringe Device Categories

Glass Prefilled Syringes

Refillable Glass Syringe Manufacturers and Branded Devices

Branded Drug/Prefilled Glass Syringe Products by Therapeutic Segment

Plastic Prefilled Syringes

Branded Refillable Plastic Syringes

Drugs and Therapeutic Segments

Refillable Safety Syringes

Prefilled Syringe-specific Selection Factors

PFS Manufacturing Factors

Fill-and-Finish Operations

Safety Syringes

Safety Syringe Device Categories

Refillable Integrated Safety Syringes

Non-Refillable Integrated Safety Syringes

Retractable Needle

Manually Retractable

Automatic Retractable

Sliding Sheath

## Injectable Drug Delivery – Therapeutic Segment Analysis & Forecasts

- Anaphylaxis
- Anticoagulants
- Antivirals
- Autoimmune Diseases
- Emergency Medicine
- Hematopoietics
- Hormone Replacement
- Metabolic Diseases
- Neurology
- Reproductive Health
- Vaccines

## Injectable Drug Therapeutics - Market Factors

- Regulatory Factors and Issues
- FDA Regulations
- Regulating Combination Products
- Sharps Legislations
- Growth and Diversity of Safety Syringes
- Sharps Disposal
- Clinical Trial Factors
- Managed Care and Healthcare Economics

Company Profiles