

Close System Drug Transfer Devices

Products, Players &
Prospects

Report Brochure

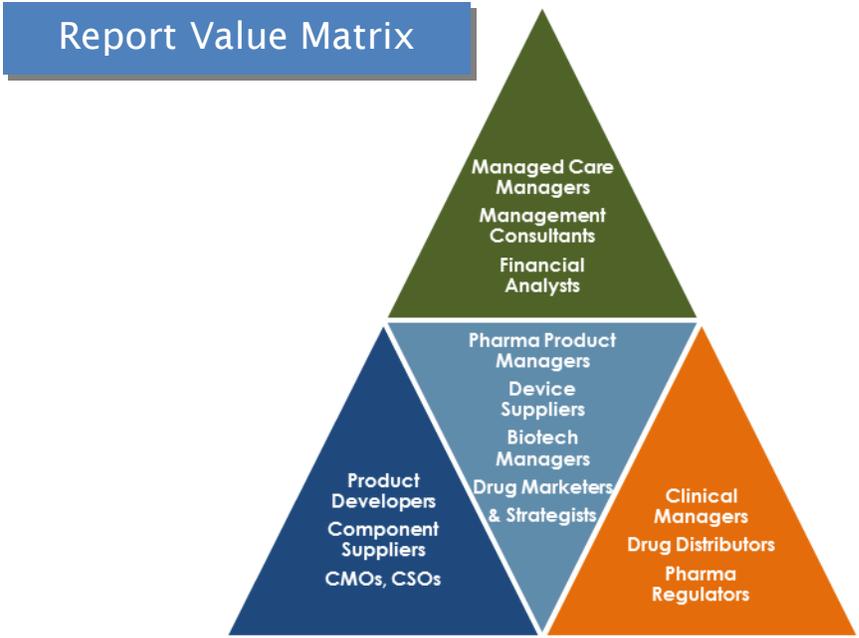


Greystone
Research Associates

Greystone Research Associates is pleased to announce the publication of a new market assessment. **Closed System Drug Transfer Devices: products, Players and Prospects** 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, growth prospects for drug dose preparation and delivery systems that minimize the release of potentially harmful particulates and gases at the point-of administration. Provider organization business managers, healthcare administrators and investors will also benefit from this study.

Improving Cytotoxic Drug Safety

The administration of drugs deemed hazardous to humans has been receiving increasing amounts of scrutiny in recent years as the dangers of these substances become more clearly understood. For caregivers and their patients, the therapeutic area that is at the forefront of attempts to mitigate exposure to cytotoxic drugs is clinical oncology, a field that – in spite of promising new drugs based on therapeutic antibodies – continues to rely heavily on antineoplastics, a class that includes alkylating agents and antimetabolites, to treat a wide range of cancers. Regulatory and industry efforts to create standards and procedures designed to protect workers and patients from accidental and incidental exposure to cytotoxics are being driven by data that suggests a causal link between exposure and health issues.



Executive Summary

**Evolution in Oncology
Therapeutics**

Recombinant Drugs &
Personalized Medicine
The Growth of Targeted
Therapeutics
The Evolving Role of Cytotoxic
Drugs
The Administration of
Antineoplastics
Closed System Drug Transfer
(CSDT) Demand Drivers
 Regulatory Factors
 Market Factors
 Technology Factors
 Regional Factors
CSDT Competitive Landscape
Risks and Opportunities

The Market for Cytotoxic Drugs

Usage Trends
Evolving Prescribing Factors
Special Considerations

**Closed System Drug Transfer
Design Factors**

Oncology Therapeutics
Medication Safety
Material Selection Issues
Drug Reconstitution
Oncology Drug Administration
and Dosing
Drug-Specific Dosing Modification
and Individualized Dosing
CSDT Device Performance Factors
 Vapor Containment
 Testing Protocols

**CSDT Devices - Key Market
Segments**

Teaching Hospitals
Regional Hospital
Oncology Centers/Clinics

**Closed System Drug Transfer
Device Assessments**

Device Configuration
Device-to-Device interface
User-to-Device Interface
Device Sharps Strategy
Device Compliance Performance

Market Factors

Regulations and Standards
 CDC/NIOSH
 HOPA
 ISMP
 USP 800
Caregiver Compliance
Level of Complexity and Ease of
Use
Healthcare Economics
Business Models and Strategies

**Market Assessments and
Forecasts**

North America
Europe
Asia
Other Geographic Markets

Company Profiles

What You Will Learn

- What are the key segments and addressable markets that comprise the market for cytotoxic drug delivery?
- What are the major therapeutic demand drivers for cytotoxic drug therapeutics?
- What are the design factors and technologies that are being used in commercial and development-stage closed drug transfer systems?
- What is the market share and product position in the market and what will it look like in 2024?
- Who are the companies behind the current generation of cytotoxic transfer devices and what are their business models?
- What is the role of pharma-device alliances and design partnerships in the commercialization and market access of new and emerging closed system drug transfer devices?
- What is the impact of economic, technology, and regulatory factors on CSDT device demand?

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.

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Closed System Drug Transfer Devices

Products, Players & Prospects

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