

Noninvasive Glucose Monitors

Technologies, Devices and Commercialization Factors



Noninvasive Glucose Monitors: Technologies, Devices and Commercialization Factors

Greystone Associates is pleased to announce the publication of a new market study. **Noninvasive Glucose Monitors: Technologies Devices and Commercialization Factors** is a comprehensive evaluation and analysis of the technology, products and participants providing the driving force behind this evolving segment of the patient monitoring sector.

The study is designed to provide healthcare company decision makers, technology developers, device designers, healthcare marketers, and supply chain participants with a detailed understanding of the economics, technologies, and commercial opportunities driving the development of noninvasive glucose monitors. Provider organization business managers, healthcare administrators and investors will also benefit from this study.

Technology and the Evolution of Diabetes Management

For diabetes patients, glucose monitoring is a way of life, a several-times-per-day routine critical to physiological health. But while the traditional finger prick method has been a standard disease management tool for decades, issues of patient compliance and the limitations of current methods in detecting short-term fluctuations in glucose levels have brought a host of companies into the hunt for less invasive and more user-friendly alternatives. Now the convergence of small-scale electronics and sophisticated biocompatible product designs is giving hope for a better future to millions of diabetes patients worldwide. Noninvasive glucose monitors that can measure glucose levels accurately and reliably have the capability to improve glycemic control and patient wellbeing. By integrating the sensing element, electronics, and a power source in a single package, noninvasive monitors are creating new options for caregivers and their diabetes patients. Signal processing improvements - include improved signal-to-noise ratios and interference filtering - will continue to be critical to the commercialization prospects of noninvasive monitors.

Report Value Matrix

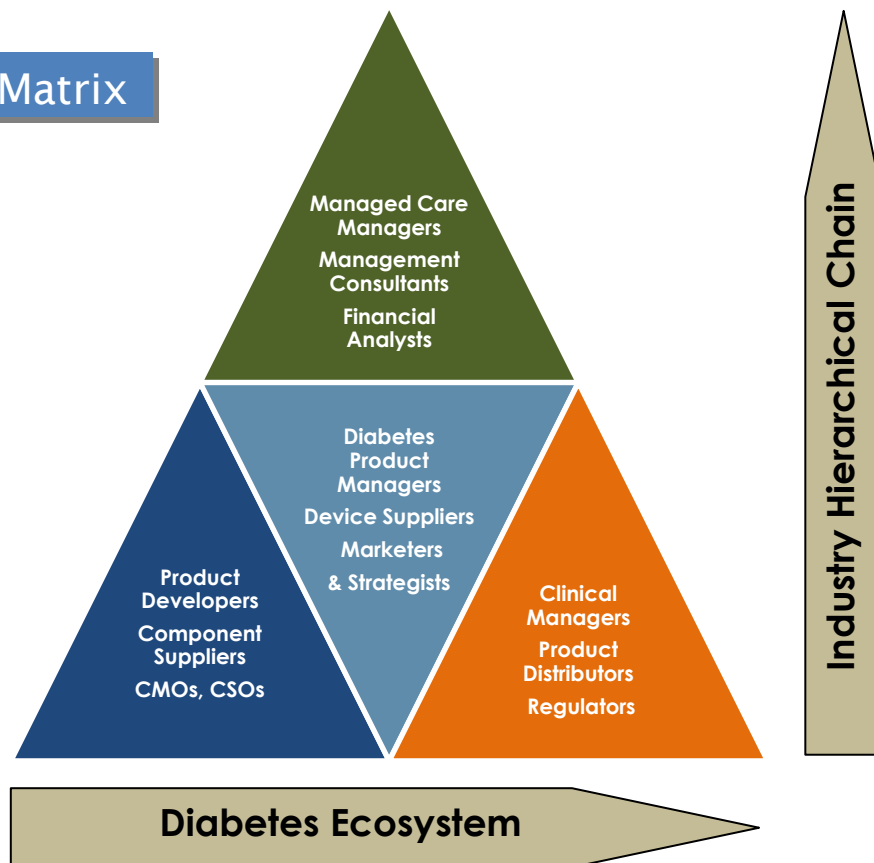


Table of Contents

Executive Summary

Diabetes Management Market Overview

- Diabetes Economics
- Monitoring Glucose Levels
- Key Factors in Patient Compliance
- Market Drivers
- Industry Alignment and Competitive Landscape

Noninvasive Glucose Measurement Technologies – Status and Barriers to Commercialization

- Sampling Technology
 - Photoacoustic
 - Spectroscopy
 - Fluorescence
 - Infrared
 - Near Infrared
 - Mid-to-Far Infrared
 - Raman
 - Tomography
 - Thermal Emission/Thermography
- Important Private Research Programs

Commercialization Factors

- Technology Factors
 - Calibration Frequency
 - Accuracy & Precision
 - Sensitivity
 - Sensor Technology
 - Signal Processing Advances
- Design Factors
 - Measuring Interstitial Fluid
 - Reliability
 - Data Collection & Display
 - Measurement Frequency
 - Patient/User Interface
- Market Factors
 - FDA Regulations
 - Clinical Trials
 - Patient/Consumer Sentiment
 - Alliances & Partnerships
 - Shifting Diabetes Demographics

Noninvasive Monitor Analysis and Assessments

- Transdermal Systems
 - Direct Systems
 - Two-Step Systems
- Optical System
- Impedance Systems
- Ocular Systems
- Systems Based on Novel Technologies

Noninvasive Monitor Company Profiles

Feature Summary

- Analyzes and evaluates noninvasive glucose sensing and monitoring technologies and development-stage products and assesses market potential and commercialization risks and opportunities
- Examines noninvasive glucose monitor design issues and evolving market factors
- Provides detailed status of noninvasive glucose monitors currently in development
- Forecasts the impact of glucose sensing technology and devices on diabetes management markets and projects probable future developments
- Profiles market participants, their technology, product development activity, and business strategies
- Evaluates the impact of economic, technology, and regulatory factors on the commercial potential of noninvasive glucose monitors

Report Format and Availability

This report is available 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 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. Orders which are not prepaid must indicate the billing address. There is no charge for handling and shipping for destination addresses within the continental US.

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. There is a \$50 per copy shipping and handling charge for international shipments.

Wire Transfers: TD Banknorth
300 Franklin Street
Manchester, NH 03103
(Call for Account Information)

Mailing Address: Greystone Associates
Client Services
P.O. Box 1362
Amherst, NH 03031

Noninvasive Glucose Monitors: Technologies, Devices and Commercialization Factors

Select	Format	Price (U.S. funds)	Total
<input type="checkbox"/>	Electronic	\$2,850.00	
<input type="checkbox"/>	Site License	\$3,850.00	
<input type="checkbox"/>	Enterprise License	\$5,500.00	
Total Payment (U.S. funds)			



Method of Payment: ___ Company Check ___  ___  ___  ___ Wire Transfer (International)

Card Number: _____ Name on Card _____

Expiration Date: _____ Card CVV _____ Signature _____

Billing Information	Shipping Information
Name:	Name: <input type="checkbox"/> Click here if same as Billing Information
Title:	Title:
Company:	Company:
Street Address:	Street Address:
City,State/Province:	City,State/Province:
Country/Postal Code:	Country/Postal Code:
Phone:	Phone:
Fax:	Fax:
Email:	Email: