

Self-monitoring Blood Glucose Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Self-monitoring Blood Glucose Meters, Continuous Glucose Monitors, Testing Strips, Lancets), By Application (Type 1 Diabetes, Type 2 Diabetes, Gestational Diabetes), By End User (Hospitals, Home Settings, and Diagnostic Centers), By Region and Competition, 2020-2030F

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Abstracts

Market Overview

Global Self-monitoring Blood Glucose Market has valued at USD 10.28 Billion in 2024 and is expected to reach USD 16.87 billion by 2030 with a CAGR of 8.61% during the forecast period. Blood glucose monitoring plays a crucial role in empowering diabetic patients to make informed daily management decisions regarding food intake, insulin dosage and physical exercise. Self-monitoring blood glucose (SMBG) represents a contemporary diabetes management procedure that entails the use of blood glucose meters by patients to quickly check their glucose levels and obtain accurate measurements of capillary glucose concentration. SMBG technology, encompassing test strips, lancets, and blood glucose meters, facilitates long-term glycemic control. By analyzing readings, individuals can adjust treatment, evaluate the impact of antidiabetics and stress management, and make informed decisions regarding diet, insulin dosage, and physical exercise, among other factors. This comprehensive process involves the utilization of test strips, lancets, and blood glucose meters to achieve sustained glycemic control.

Key Market Drivers

High Prevalence of Diabetes

The increase in the geriatric population and the high prevalence of diabetes, along with the rising risk factors associated with diabetes, are key drivers for the growth of the self-monitoring of blood glucose (SMBG) market. Furthermore, government initiatives aimed at raising awareness among the population also contribute to the market's growth. However, it should be noted that the devices do not measure the exact level of glucose in the blood, which can result in inaccurate results. Moreover, the lack of reimbursement and stringent regulations for these devices may hinder the overall market growth. Nevertheless, there are untapped opportunities in emerging markets, and the growing awareness about diabetes monitoring devices is expected to generate new prospects within the forecast period. However, challenges such as the lack of patient awareness and the high cost of advanced devices and accessories are projected to impede the market's growth.

Key Market Challenges

Compliance and Adherence

Regular and consistent blood glucose monitoring is essential for effective diabetes management. However, some individuals may struggle with adherence, either due to forgetfulness, discomfort associated with testing, or a lack of motivation. Properly using self-monitoring blood glucose devices requires some level of technical skill and knowledge. Some elderly individuals or those with limited dexterity may find it challenging to operate the devices correctly. Self-monitoring blood glucose devices need to be accurately calibrated and maintained to provide reliable results. Incorrect calibration or using expired test strips can lead to inaccurate readings.

Key Market Trends

New Product Launches in the Market

Prominent companies operating in the self-monitoring blood glucose (SMBG) devices market are strategically focused on developing innovative technological solutions to enhance their market position. For instance, in August 2022, Intuity Medical, Inc., a commercial-stage medical technology and digital health company committed to simplifying life with diabetes, introduced the POGO Automatic® Blood Glucose

Monitoring System at over 2,200 US pharmacies operated by Kroger Health, the healthcare division of The Kroger Co. The POGO Automatic from Intuity Medical is the sole FDA-approved automatic blood glucose monitor featuring 10-test cartridge technology, eliminating the need for individuals with diabetes to carry or load separate lancets and test strips. It effortlessly lances, collects blood, and provides a glucose result with just a touch of a button.

Key Market Players

Abbott Laboratories

Medtronic plc

F. Hoffmann-La Roche Ltd

Ascensia Diabetes Care

Dexcom, Inc.

Sanofi

Novo Nordisk

Insulet Corporation

Ypsomed Holdings

Glysens Incorporated

Report Scope:

In this report, the Global Self-monitoring Blood Glucose Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Self-monitoring Blood Glucose Market, By Product:

Self-monitoring Blood Glucose Meters

Continuous Glucose Monitors

Testing Strips

Lancets

Self-monitoring Blood Glucose Market, By Application:

Type 1 Diabetes

Type 2 Diabetes

Gestational Diabetes

Self-monitoring Blood Glucose Market, By End User:

Hospitals

Home Settings,

Diagnostic Centers

Self-monitoring Blood Glucose Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Self-monitoring Blood Glucose Market.

Available Customizations:

Global Self-monitoring Blood Glucose market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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