

## Clinical Overview of Continuous Glucose Monitoring

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### Abstract

Continuous glucose monitoring (CGM) is now available from several companies in the United States for purchase or research studies. This article provides an overview of these devices and reviews the use of sensors for managing diabetes in “real time,” as well as the use of retrospective analysis of CGM results.

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**Abbreviations:** (AUC) area under the curve, (CGM) continuous glucose monitoring, (CGMS) continuous glucose monitoring system, (CHO) carbohydrate, (DirecNet) Diabetes Research in Children Network, (HbA1c) hemoglobin A1c, (JDRF) Juvenile Diabetes Research Foundation, (MARD) median absolute relative difference, (RT-CGM) real-time CGM

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**Keyword:** continuous glucose monitoring

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