

# Real-Time Continuous Glucose Monitors

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A continuous glucose monitor (CGM) is a small wearable glucose monitoring device that continuously measures and tracks a person's glucose levels for the management of diabetes. A CGM is designed to supplement finger stick blood glucose testing for diabetes treatment decisions. A CGM may aid in the detection of episodes of hyperglycemia and hypoglycemia by using alarms and/or alerts to inform patients when blood glucose levels are exceeding or falling below specified thresholds.

The New York State Department of Health will make a determination whether or not to add coverage of this technology to the Medicaid benefit package.

### Dossier sources of evidence already submitted:

The following evidence was recently submitted to the Department:

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7. Chase HP, Beck RW, Xing D, et al. Continuous glucose monitoring in youth with type 1 diabetes: 12-month follow-up of the Juvenile Diabetes Research Foundation

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  15. New JP, Ajjan R, Pfeiffer AF, et al. Continuous glucose monitoring in people with diabetes: the randomized controlled Glucose Level Awareness in Diabetes Study (GLADIS). *Diabet Med.* 2015;32:609-617.
  16. O'Connell MA, Donath S, O'Neal DN, et al. Glycaemic impact of patient-led use of sensor-guided pump therapy in type 1 diabetes: a randomised controlled trial. *Diabetologia.* 2009;52:1250-1257.
  17. Raccach D, Sulmont V, Reznik Y, et al. Incremental value of continuous glucose monitoring when starting pump therapy in patients with poorly controlled type 1 diabetes: The RealTrend study. *Diabetes Care.* 2009;32:2245-2250.

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