

Performance of the Dexcom G7 CGM System in **Pregnant Women with Diabetes**¹

BACKGROUND

Tighter glycemic targets are generally recommended² for patients with diabetes (type 1, type 2, and GDM) to aid with decreasing potential complications of dysglycemia during pregnancy. Dexcom G7 has no limitations on use for women who have diabetes in pregnancy.

PURPOSE OF STUDY



To evaluate **safety and efficacy** of Dexcom G7 CGM system in pregnant women with T1D, T2D and GDM.

PARTICIPANT DEMOGRAPHICS (n=96)

Prospective, observational study



18+ years old
diverse race and
ethnicity



T1D (56%)
T2D (20%)
GDM (24%)



1st trimester (16%)
2nd trimester (51%)
3rd trimester (32%)



2 G7 sensors worn
(back of arm) for
10 days



YSI* measured
every 15 min at 3
different times

STUDY OUTCOMES MEASURED*†



Primary endpoint[‡] was % of CGM values in the 70-180 mg/dL range within:

- %15/15 YSI
- %20/20 YSI
- %30/30 YSI

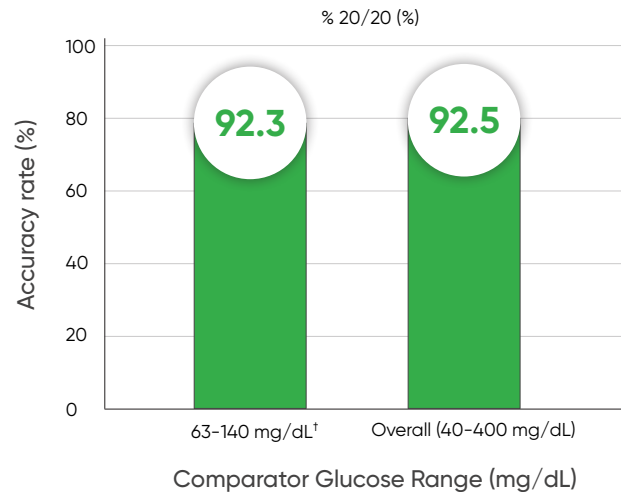
*Analysis restricted to 2,102 matched pairs with CGM values in the 40-400 mg/dL range using relative differences for YSI values ≥ 100 mg/dL and absolute differences for YSI values < 100 mg/dL. A1C, glycated hemoglobin or HbA1C; BMI, body mass index; CGM, continuous glucose monitoring; GDM, gestational diabetes mellitus; T1D, type 1 diabetes; T2D, type 2 diabetes; YSI, Yellow Springs Instrument, measuring venous blood glucose. † The overall MARD was 9.5% and was noted to be higher on day 1. ‡ %XX/XX, percentage of values within XX mg/dL or within XX% of corresponding YSI values \leq or > 100 mg/dL, respectively.

1. Polsky S, et al. Diabetes Technol Ther. Published online Feb 5, 2024 ahead of print. doi:10.1089/dia.2023.0516 2. NA. ElSayed, et al. Diabetes Care 1 January 2023; 46 (Supplement_1): S254-S266

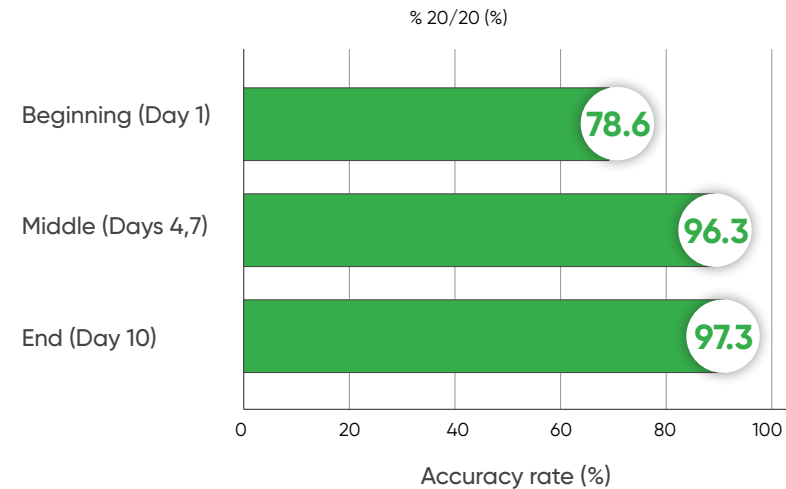
MAIN OUTCOMES

Dexcom G7 demonstrated accuracy during pregnancies with diabetes when compared to YSI results with no statistically significant difference between gestational age, A1C levels, different BMI values, or type of diabetes.*

Accuracy By Comparator Glucose Range*



Accuracy By Wear Period*



Key Takeaways for Dexcom G7 CGM

- The G7 system is accurate and safe during pregnancies complicated by diabetes and does not require confirmatory fingerstick[§] testing.
- Dexcom CGM is an accurate and safe tool for patients on medication, with fear of hypo during pregnancy.¹
- Accuracy lasted full 10 day wear.¹



Scan the code to read the publication

[§] Fingersticks required for diabetes treatment decisions if symptoms or expectations do not match readings.

*Analysis restricted to 2,102 matched pairs with CGM values in the 40-400 mg/dL range using relative differences for YSI values ≥ 100 mg/dL and absolute differences for YSI values < 100 mg/dL. A1C, glycated hemoglobin or HbA1C; BMI, body mass index; CGM, continuous glucose monitoring;

GDM, gestational diabetes mellitus; T1D, type 1 diabetes; T2D, type 2 diabetes; YSI, Yellow Springs Instrument.

[†] Of the 1,659 pairs with comparator values

¹ Polsky S, et al. Diabetes Technol Ther. Published online Feb 5, 2024 ahead of print. doi:10.1089/dia.2023.0516

For more information, visit provider.dexcom.com

Dexcom is a registered trademark of Dexcom, Inc. in the United States and/or other countries. ©2024 Dexcom, Inc. All rights reserved. MAT-2644 v1.0

Dexcom