

# Reduced Hospitalizations in T2D

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## Background

The rising prevalence of diabetes in the United States is contributing to substantially increasing healthcare resource utilization



### Aim

To investigate the real-world impact of CGM on health care resource utilization in people with T2D over a 6- and 12-month period



### Study Design

US retrospective study



### Primary Outcomes

- Change in all-cause hospitalizations (ACH)
- Change in acute diabetes-related hospitalizations (ADH)
- Change in acute diabetes emergency room visits (ADER)

## Study Population

Participants: (N=74,679)



### T2D

(all treatment regimens)

NIT (n=25,269)

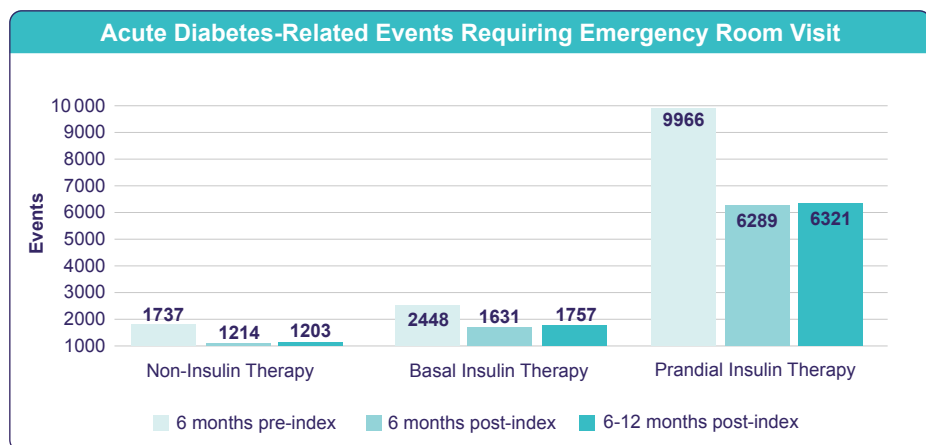
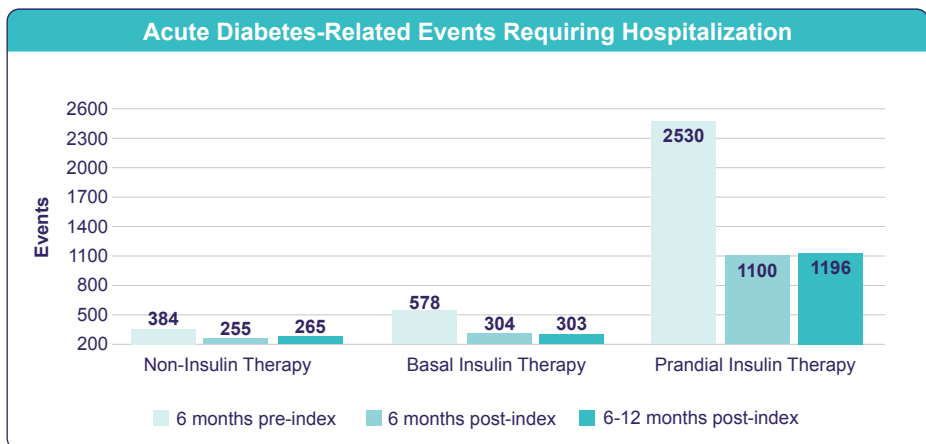
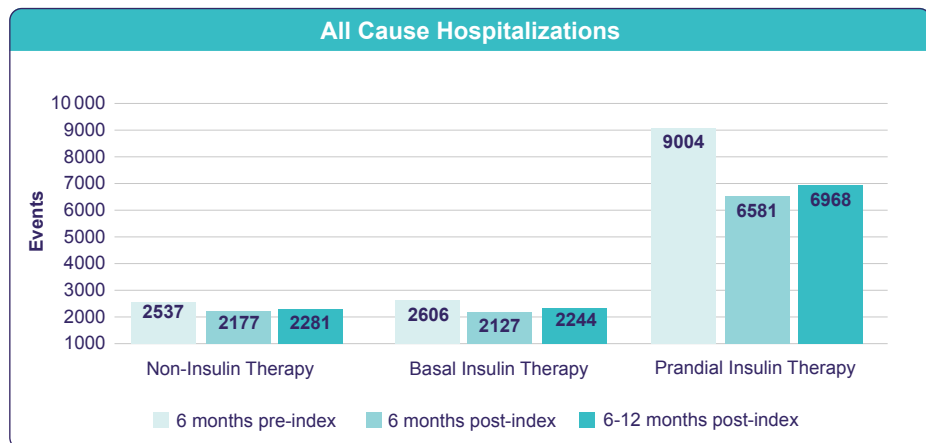
NIIT (n=16,264)

IIT (n=33,146)

# Results

## CGM in People with T2D Reduces ACH, ADH, and ADER at 6 and 12 Months

Figure 1. Change in Event Rates for ACH, ADE, and ADER



# Subanalysis

## Study Population

Participants: (N=6,030)



T2D

(all treatment regimens)

NIT (n=1,533)

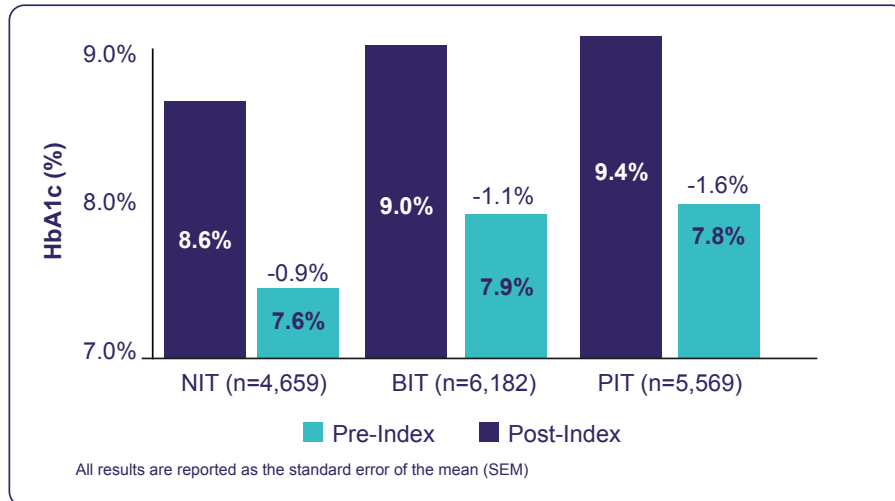
BIT (n=1,375)

PIT (n=3,122)

## Results

At 12 months, the mean change in A1c was >1% in people with T2D regardless of treatment regimen

Figure. HbA1c Change From Baseline During the Post-Index Period



## Key Takeaways for Managed Care Decision Makers

- ✓ CGM use in people with T2D reduces all-cause hospitalizations, acute diabetes-related hospitalizations, and emergency room visits at 6 and 12 months, regardless of therapy regimen.
- ✓ CGM is also linked to a **0.9% decrease in A1c** at 12 months across all T2D treatment regimens, with the greatest reduction in A1c in the T2D NIT population.
- ✓ This evidence supports a population-wide approach to coverage and access for all individuals with T2D.