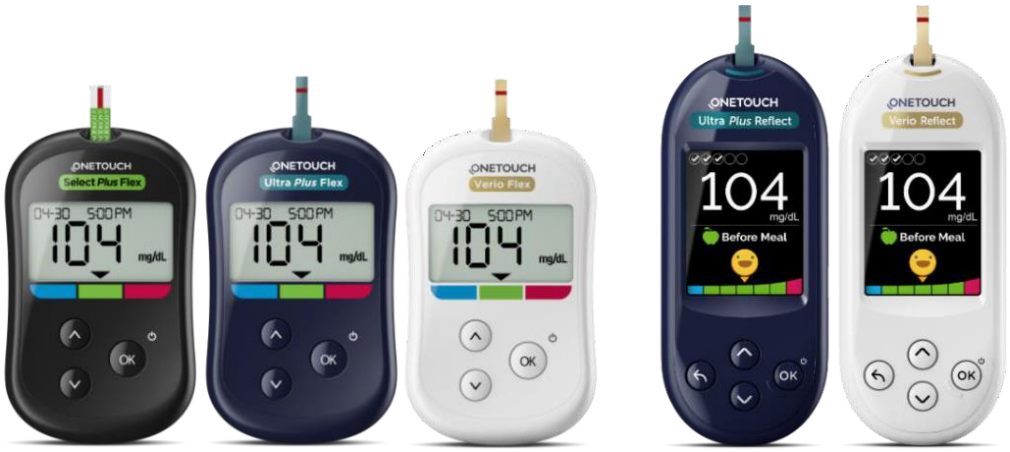
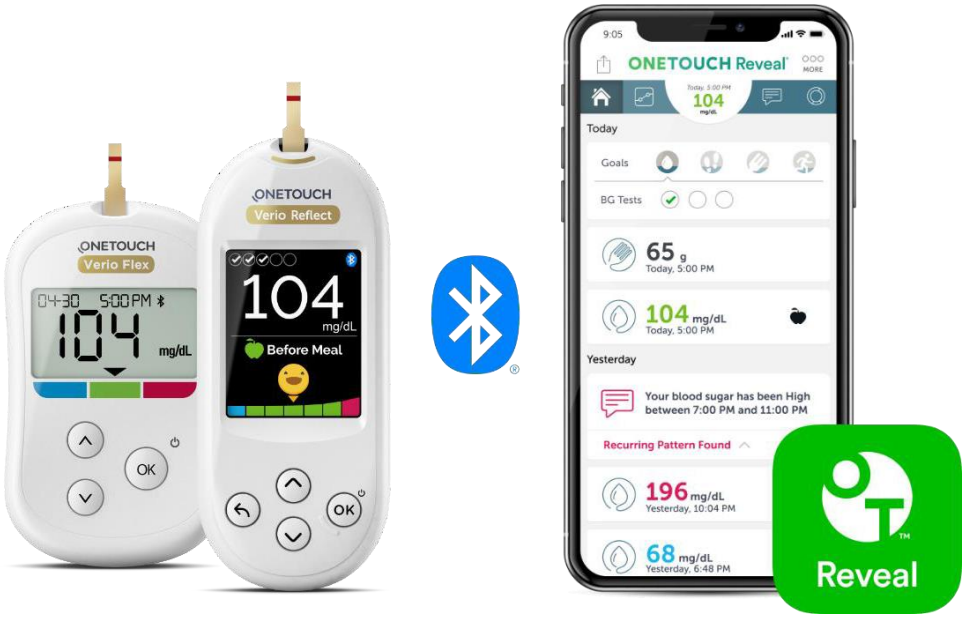
Supplementary material 1

Manuscript Title: Glycemic trends, app engagement and achievement of gestational diabetes guideline targets using a diabetes app and Bluetooth® connected blood glucose meters

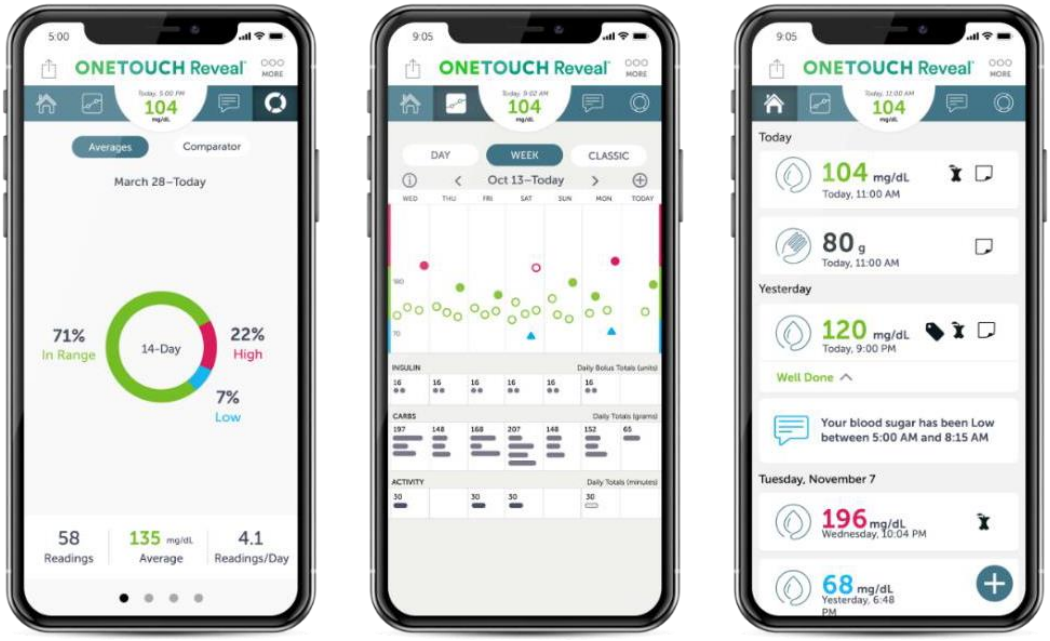
This analysis is based on pooled app data from the family of Bluetooth® connected OneTouch® blood glucose meters (BGMs) shown below, including Select Plus Flex, Ultra Plus Flex, Verio Flex, Ultra Plus Reflect and Verio Reflect.



Each of these Bluetooth® connected BGMs transmit blood glucose data automatically to the diabetes app via Bluetooth®.



Shown below are a selection of app screens, including the averages screen, the electronic logbook timeline view, and the home screen, including manually-entered patient information.



Supplementary material 2

Blood glucose readings		
Number of glucose readings performed and available in our data lake from people with gestational diabetes (PwGDM) over the 10 weeks	8,070,414 glucose readings during the full 10 weeks from 26,382 PwGDM	
Number of glucose readings available and analyzed during the first 7 days after app registration and in the last 7 days before the 10-week timepoint	First 7 days 787,994 glucose readings from 26,382 PwGDM	Last 7 days 765,262 glucose readings from 26,382 PwGDM
App usage metrics		
Average number of app sessions per week performed over the 10-week period	17.69 ± 11.97 app sessions per week on average	
Average amount of time spent on the app per week over the 10-week period	93.54 ± 105.93 minutes per week on average	
OneTouch Reveal app screens accessed by PwGDM		
Top Ten Screens 1. Home page with readings in ranges metrics 2. Last blood glucose reading screen 3. Add event page (to provide context to readings) 4. Edit event page 5. Classic logbook page (dates/time of readings) 6. Patterns page (shows low/high pattern insights) 7. Summary page 8. Share page (email/PDF sharing of summary data) 9. Last 7 days summary page 10. Last result transfer page		