


Corrigendum on Review of the Long-Term Implantable Senseonics Continuous Glucose Monitoring System and Other Continuous Glucose Monitoring Systems

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In the review article cited above, an error was made describing which commercially available continuous glucose monitoring systems (CGM) require re-calibration using self-monitoring of blood glucose (SMBG) measurements. The sentence on page 168 was removed: “All of the CGM systems are factory calibrated and do not need any finger stick self-monitored blood glucose (SMBG) measurements to recalibrate a sensor” and was replaced with the sentence “As of January 2021, the Dexcom and Abbott CGM systems are factory calibrated and do not need finger stick self-monitored blood glucose (SMBG) measurements to recalibrate a sensor”. The following paragraph has been added on page 168: “The Medtronic Guardian™ Sensors (CGM) require a BG meter reading for calibration approximately 2 hours after insertion, and approximately 6 hours after the first BG meter reading calibration. A fingerstick BG meter reading is required for sensor calibration approximately every 12 hours throughout the life of the sensor. For better sensor performance, Medtronic recommends a BG meter reading calibration three or four times each day at regular times throughout the day, when the BG level is stable (before meals). The Medtronic user manual states: “The Guardian™ Sensor has not been evaluated and is not intended to be used directly for making therapy adjustments, but rather to provide an indication of when a fingerstick may be required. All therapy adjustments should be based on measurements obtained using a blood glucose meter and not on values provided by the Guardian™ Sensor (3)”.