

Supplementary material

Appendix 1: Manufacturer Calibration Methods for the BGMSs Included in These Analyses

Supplementary Table 1. Manufacturer Calibration Methods for BGMSs (Clinical Trial #1)

Meter system	Test strip name	Manufacturer calibration method
EZ	Contour Next	Glucose oxidase (YSI) [1]
ACA	Accu-Chek Aviva Plus	Hexokinase [2]
FFL	FreeStyle Lite	Glucose oxidase (YSI) [3]
OTU2	OneTouch Ultra Blue	Glucose oxidase (YSI) [4]
TT	Truetrack	Glucose oxidase (YSI) [5]

Supplementary Table 2. Manufacturer Calibration Methods for BGMSs (Clinical Trial #2)

Meter system	Test strip name	Manufacturer calibration method
CN	Contour Next	Glucose oxidase (YSI) [6]
ACAN	Accu-Chek Aviva	Hexokinase [7]
FSL	FreeStyle Lite	Glucose oxidase (YSI) [3]
OTU2	OneTouch Ultra Blue	Glucose oxidase (YSI) [4]
OTVP	OneTouch Verio	Glucose oxidase (YSI) [8]
TT	Truetrack	Glucose oxidase (YSI) [5]

References

- [1] Contour Next EZ Blood Glucose Monitoring System User Guide. Mishawaka, IN: Bayer HealthCare LLC; 2012.
- [2] US Food and Drug Administration. 510(k) Substantial Equivalence Determination Decision Summary: Accu-Chek Aviva Plus Blood Glucose Monitoring System (K101299). September 21, 2011. Available from: http://www.accessdata.fda.gov/cdrh_docs/reviews/K101299.pdf.

- [3] FreeStyle Lite Blood Glucose Test Strips Product Information. Alameda, CA: Abbott Diabetes Care, Inc; 2012.
- [4] OneTouch Ultra Blue Test Strips [package insert]. Milpitas, CA: LifeScan, Inc; 2010.
- [5] Truetrack Owner's Booklet. Fort Lauderdale, FL: Nipro Diagnostics, Inc; 2015.
- [6] Contour Next Blood Glucose Monitoring System User Guide. Parsippany, NJ: Ascensia Diabetes Care US, Inc; 2016.
- [7] US Food and Drug Administration. 510(k) Substantial Equivalence Determination Decision Summary: Accu-Chek Aviva glucose monitoring system (K060620). August 11, 2006. Available from: http://www.accessdata.fda.gov/cdrh_docs/reviews/K060620.pdf.
- [8] OneTouch Verio Test Strips [package insert]. Milpitas, CA: LifeScan, Inc; 2011.