

If You Are Not Using Nova's Glucose StatStripTM, You Are Misdosing Insulin Dependent Patients With Abnormal Hematocrits

According to a recent published study¹ by the Mayo Clinic, only Nova's StatStrip continued to give accurate glucose results as patient hematocrits varied from 20% - 65%.

Hematocrit related errors of 20% to nearly 50% were reported on every glucose meter system tested except for Nova's StatStrip.

Figure (a): Glucose 54 mg/dL

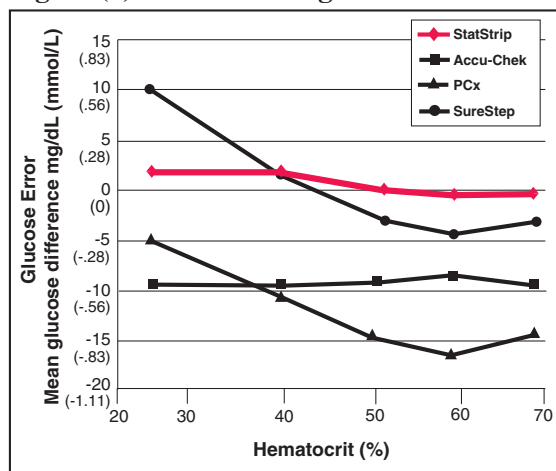


Figure (b): Glucose 247 mg/dL

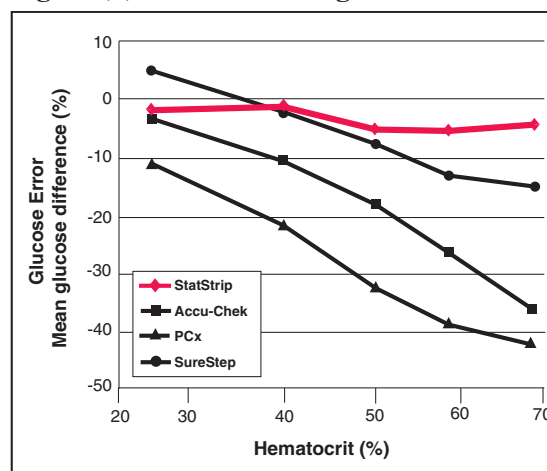
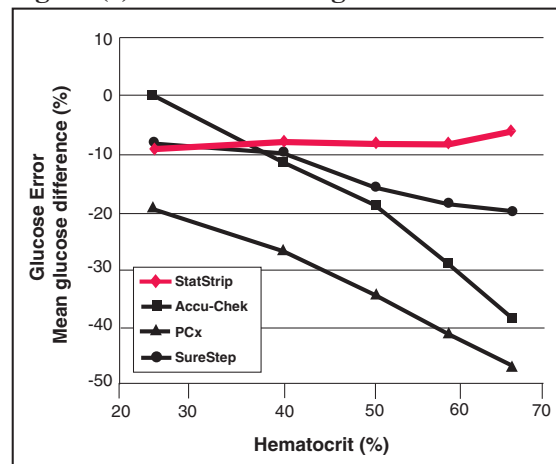


Figure (c): Glucose 483 mg/dL



Figures:

(a) Mean glucose difference (meter glucose minus reference glucose) and (b) and (c) mean glucose percent difference [(meter glucose minus reference glucose)/reference glucose x 100] as a function of hematocrit at glucose concentrations of (a) 54 mg/dL, (b) 247 mg/dL, and (c) 483 mg/dL. Each point represents the mean $\pm$ standard deviation of the mean glucose difference or mean glucose percent difference (n=6).

¹Karon BS et al (Mayo Clinic) Evaluation of the Impact of Hematocrit and Other Interference on the Accuracy of Hospital Based Glucose Meters. *Diabetes Technology and Therapeutics*, April 2008

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