

## Automated Glycemic Pattern Analysis: Overcoming Diabetes Clinical Inertia

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### Abstract

The OneTouch® Verio™ IQ Meter with PatternAlert™ Technology has been approved by the U.S. Food and Drug Administration as the first self-glucose monitor that can automatically determine glycemic patterns [high and low pre-meal blood glucose (BG)] for health care providers (HCPs) and patients. In this issue of *Journal of Diabetes Science and Technology*, Katz and coauthors demonstrate that this device was more accurate and quicker in detecting abnormal glucose patterns than the review by HCPs of 30-day handwritten BG logs and that its interpretations were positively accepted by the HCPs. Continued development of automated pattern analysis and decision-support software to overcome the “data-overload” associated with intensive glucose monitoring and diabetes management will reduce clinical inertia and could dramatically improve diabetes outcomes.

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**Abbreviations:** (4DSS) 4 Diabetes Support System, (BG) blood glucose, (CGM) continuous glucose monitoring, (HCP) health care provider

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