

## Analysis of the Comparison of Lancing Devices for Self-Monitoring of Blood Glucose Regarding Lancing Pain

Joyce Lekarczyk, B.S.N., R.N., C.D.E., and Suzanne Ghiloni, B.S.N., R.N., C.D.E.

### Abstract

Reducing barriers to self-monitoring of blood glucose (SMBG) remains an ongoing goal. One major reported barrier is lancing pain. This analysis was written in response to the article by Kocher and associates in this issue of Journal of Diabetes Science and Technology in which 157 patients with diabetes experienced in the use of SMBG compared high market share blood glucose monitoring systems and lancing devices.

Upon review of their findings, we found that their conclusions—Accu-check systems and lancing devices were preferred—were valid within the limitations of the study. However, we noted some factors that would warrant further study and possibly change the outcome. Information from this and other studies on the topic will be useful as a reference for patients and providers in working towards removing barriers to SMBG.

*J Diabetes Sci Technol 2009;3(5):1144-1145*

**Author Affiliation:** Joslin Diabetes Center, Boston, Massachusetts

**Abbreviations:** (ADA) American Diabetes Association, (SMBG) self-monitoring of blood glucose

**Keywords:** Accu-Chek, fingerstick pain, lancing devices, lancing pain

**Corresponding Author:** Suzanne Ghiloni, B.S.N., R.N., C.D.E., Joslin Diabetes Center, One Joslin Place, Boston, MA 02215, email address [Suzanne.Ghiloni@joslin.harvard.edu](mailto:Suzanne.Ghiloni@joslin.harvard.edu)