## Clinical Need for Continuous Glucose Monitoring in the Hospital

Jeffrey I Joseph, D.O.,<sup>1</sup> Brian Hipszer, Ph.D.,<sup>1</sup> Boris Mraovic, M.D.,<sup>1</sup> Inna Chervoneva, Ph.D.,<sup>2</sup> Mark Joseph, B.S.,<sup>3</sup> and Zvi Grunwald, M.D.<sup>1</sup>

## Abstract

Automation and standardization of the glucose measurement process have the potential to greatly improve glycemic control, clinical outcome, and safety while reducing cost. The resources required to monitor glycemia in hospitalized patients have thus far limited the implementation of intensive glucose management to patients in critical care units. Numerous available and up-and-coming technologies are targeted for the hospital patient population. Advantages and limitations of these devices are discussed herewith in.

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Author Affiliations: <sup>1</sup>The Artificial Pancreas Center, Department of Anesthesiology, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania; <sup>2</sup>Department of Pharmacology and Experimental Therapeutics, Division of Biostatistics, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania; and <sup>3</sup>Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania;

Abbreviations: (BG) blood glucose, (CGM) continuous glucose monitoring, (ICU) intensive care unit, (IIT) intensive insulin therapy, (ISF) interstitial fluid, (IV) intravenous, (POC) point of care

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Corresponding Author: Jeffrey I Joseph, D.O., Department of Anesthesiology, The Artificial Pancreas Center, Jefferson Medical College of Thomas Jefferson University, 1020 Locust Street, Jefferson Alumni Hall, Suite 565, Philadelphia, PA 19107; email address jeffrey.joseph@jefferson.edu