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## Study Demonstrates GlySure System's Ability to Accurately Measure Blood Glucose Levels in the ICU



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GlySure Limited, developer of in-hospital continuous blood glucose monitoring (CBGM) systems, announced that a study demonstrating the effectiveness of its technology in continuously measuring blood glucose levels in post-surgical cardiac surgery patients was presented on August 28, 2013, at the World Federation of Societies of Intensive and Critical Care Medicine (WFSICCM) Congress in Durban, South Africa.

For the study, Use of an intravascular continuous blood glucose sensor during post operative ICU care of cardiac surgery patients, researchers used the GlySure CBGM system to measure blood glucose concentrations in 24 post cardiac surgery ICU patients continuously and in real-time. Blood samples were taken at regular intervals and the glucose concentrations measured. At the time of sampling, the GlySure monitor was time stamped to allow subsequent statistical analysis between the continuous GlySure sensor and the intermittent glucose values.

The researchers found glucose concentrations measured by the GlySure system correlated with the concentrations measured in the blood draws. They concluded the system can dramatically reduce the need for frequent intermittent sampling and offers the potential for early identification of hypoglycemic and hyperglycaemic excursions.

"We are excited by these results," said Principal Investigator Dr. Krishna Prasad. "A device like this would be extremely valuable in managing these kinds of patients in the ICU. The system is also easy to set up and use, which are key requirements in critical care."

GlySure recently commenced a multi-center CE Trial on cardiac surgery patients, which the company expects to complete this fall.

Source: [GlySure](#) via [PR Newswire](#)

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