



Journal of Diabetes Research

Special Issue on
In-Hospital Glycemic Control and Diabetes Management

CALL FOR PAPERS

Hyperglycemia is a common problem in hospitalized patients, in particular critically ill subjects. In 2001 van den Berghe et al. demonstrated in critically ill, previously nondiabetic subjects that a normalization of glycemia by intensive insulin therapy and a glucose target between 80 and 110 mg/dl significantly reduces mortality as compared to conventional treatment with a glucose target between 180 and 200 mg/dl (4.6% versus 8.0%, $p < 0.04$). (1) However, subsequent studies provided conflicting results and the large Normoglycemia in Intensive Care Evaluation Survival Using Glucose Algorithm Regulation (NICE-SUGAR) study showed increased mortality and severe hypoglycemia rates in tightly versus moderately controlled subjects. (2) Therefore, this field of in-hospital glycemic control remains controversial.

According to the data available, recent guidelines recommend initiation of insulin treatment in hospitalized subjects at persistent hyperglycemia of >180 mg/dl with a target glucose between 140 and 180 mg/dl. A lower level (110-140 mg/dl) might be appropriate for selected, not well-defined subjects. (3). The purpose of this special issue is to publish high-quality research papers as well as review articles addressing in-hospital glycemic control and advances in methods that allow tight glycemic control while minimizing the risk of hypoglycemia. Original, high-quality contributions that are not yet published or that are not currently under review by other journals or peer-reviewed conferences are sought.

Potential topics include, but are not limited to:

- ▶ Hyperglycemia in critically ill subjects
- ▶ Hypoglycemia prevention in hospitalized subjects requiring antihyperglycemic treatment
- ▶ Insulin titration algorithms for in-hospital use
- ▶ Oral hypoglycemic agents in the hospital setting
- ▶ Steroid induced hyperglycemia
- ▶ Continuous glucose monitoring in the hospital
- ▶ Perioperative diabetes management
- ▶ Discharge management
- ▶ Readmission rates in relation to diabetes and its complications
- ▶ Peritransplantation hyperglycemia
- ▶ Hyperglycemia in acute stroke patients

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jdr/ihg/>.

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First Round of Reviews

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