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Title: *Analysis of Glycemic Control and Safety with Insulin Order Set - A Retrospective Review*

Objective: To evaluate the safety and efficacy of a basal-bolus plus correctional insulin order set.

Methods: Retrospective chart review of patients 18-99 years of age utilizing the insulin order set from March 2018 to August 2018

Results: There was a total of 1396 blood glucose readings analyzed. The average blood glucose for 100 patients in the study was 173.57 ± 44.5 mg/dL . The amount of blood glucose readings in goal range was 58.8%. 23 out of 100 patients experienced blood glucose readings < 70 mg/dL (23%). 27 out of 100 patients experienced blood glucose readings > 300 mg/dL (27%).

Conclusion: We concluded that use of a basal-bolus plus correctional insulin order set is safe and effective for the treatment of hyperglycemia in hospitalized patients when selected and given appropriately.