Informal Scoping Search: Association of Hyperglycemia with Harms In-Hospital

Systematic Reviews and Primary Clinical Studies

1. **Prognostic impact of in-hospital hyperglycemia in hospitalized patients with acute heart failure: Results of the IN-HF (Italian Network on Heart Failure) Outcome registry.** (2016)
2. **Diabetes and the Association of Postoperative Hyperglycemia With Clinical and Economic Outcomes in Cardiac Surgery** (2016)
3. **The classification of hospitalized patients with hyperglycemia and its implication on outcome: results from a prospective observational study in Internal Medicine.** (2016)
4. **Prognostic Significance of Hyperglycemia in Patients with Brain Tumors: a Meta-Analysis** (2016)
5. **Long-term glycaemic control (HbA1c), not admission glucose, predicts hospital re-admission in diabetic patients** (2015)
7. **Hyperglycemia is associated with QTc prolongation and mortality in the acutely ill** (2015)
8. **Impact of acute and chronic hyperglycemia on in-hospital outcomes of patients with acute myocardial infarction** (2014)
10. **National Trends in US Hospital Admissions for Hyperglycemia and Hypoglycemia Among Medicare Beneficiaries, 1999 to 2011**
11. **Parenteral Nutrition–Associated Hyperglycemia in Non–Critically Ill Inpatients Increases the Risk of In-Hospital Mortality (Multicenter Study)** (2013)
12. **Effect of Acute Hyperglycemia on Left Ventricular Contractile Function in Diabetic Patients with and without Heart Failure: Two Randomized Cross-Over Studies** (2013)
13. **Stress-Induced Hyperglycemia as a Risk Factor for Surgical-Site Infection in Non-diabetic Orthopaedic Trauma Patients Admitted to the Intensive Care Unit** (2013) *non-diabetic patients
15. **Influence on prognosis and prevalence of stress hyperglycemia in a cohort of patients with acute coronary syndrome** (2012)
16. **In Patients With Acute Myocardial Infarction, the Impact of Hyperglycemia as a Risk Factor for Mortality Is Not Homogeneous Across Age-Groups** (2012)
18. **Impact of hyperglycemia on perioperative mortality after coronary artery bypass graft surgery** (2011)
19. **Early postoperative hyperglycemia is associated with postoperative complications after pancreatectoduodenectomy** (2011)
20. **Impact of hyperglycemia on morbidity and mortality, length of hospitalization and rates of re-hospitalization in a general hospital setting in Brazil** (2010)
23. Intensive versus conventional glucose control in critically ill patients (2009)

Guidelines and Consensus Statements

1. Diabetes Care in the Hospital - American Diabetes Association Recommendations (2016)
3. Institute for Clinical Systems Improvement: Diagnosis and management of type 2 diabetes mellitus in adults (revised 2014)
5. Guidelines for the use of an insulin infusion for the management of hyperglycemia in critically ill patients (Society of Critical Care Medicine) (2012)

Review Articles

1. Inpatient hyperglycemia management: A practical review for primary medical and surgical teams (2016)
2. Hyperglycemia In-Hospital Management (2011)