

## A COUNTRYWIDE COHORT RESEARCH LOOKED AT THE EFFECTS OF HIGH-DOSE VITAMIN C THERAPY ON SEVERE BURN PATIENTS

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### **ABSTRACT**

#### **Background**

*Vitamin C may be a well-known antioxidant that, in broad dosages, reduces oxidative push and liquid implantation; in any case, connect between high-dose vitamin C and lower mortality remains obscure. The impact of high-dose vitamin C in extreme burn patients is assessed in this consider utilizing two particular limits.*

#### **Method**

*From 2010 to 2016, we examined grown-up patients with serious burns (burn list 15) who were enlisted within the Japanese Determination Method Combination national inpatient database. Patients who gotten high-dose vitamin C inside one day of affirmation (vitamin C gather) and those who did not (non-vitamin C gather) were coordinated utilizing affinity score coordinating (control bunch).*

#### **Result**

*The vitamin C bunch ( $n = 157$ ) and the control gather ( $n = 2556$ ) were isolated among the qualified patients ( $n = 2713$ ). We compared 157 and 628 patients who gotten high-dose vitamin C ( $> 10$ -g edge) and controls, individually, after 1:4 affinity score coordinating. Beneath this model, high-dose vitamin C treatment was connected to a lower in-hospital passing rate.*

#### **Conclusions**

*When utilized inside a least edge of 10 g inside the primary two days of confirmation, high-dose vitamin C treatment was connected to lower mortality in patients with severe burns. Whereas there's no common definition of "high-dose" vitamin C treatment, the current consider appears that elective "high-dose" regimens can deliver superior comes about.*

**KEYWORDS:** *High Dose Vitamin C, Burn Patients*

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