INPLASY PROTOCOL

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Review Stage at time of this submission: Piloting of the study selection process.

Conflicts of interest:
None declared.

The Effect of Vitamin C on Sepsis in Adult Patients: A Systematic Review and Meta-analysis

Liang, HY[1]; Liu, LL[2]; Mu, QQ[3]; Cui, YQ[4]; Sun, TW[5].

Review question / Objective: We research the effect of vitamin C on death of adult septic patients.
Condition being studied: Sepsis.
Study designs to be included: RCTs.
Eligibility criteria: The studies reported the related outcomes of vitamin C treating for sepsis in adult patients.

INTRODUCTION

Review question / Objective: We research the effect of vitamin C on death of adult septic patients.

Condition being studied: Sepsis.

METHODS

Participant or population: Sepsis or septic patients.

Intervention: Vitamin C.

Comparator: Placebo or control.

Study designs to be included: RCTs.

Eligibility criteria: The studies reported the related outcomes of vitamin C treating for sepsis in adult patients.

Information sources: MEDLINE, EMBASE, and the Cochran Register of Controlled Trials.

Main outcome(s): 28-day all-cause mortality.

Quality assessment / Risk of bias analysis: We performed risk assessment using the Cochrane Collaboration risk of bias tool.

Strategy of data synthesis: Dichotomous and continuous data uses the Mean and RR.

Subgroup analysis: The subgroup analysis performed would be based on our study aims.

Sensitivity analysis: Sensitivity analyses were conducted for the primary out- come by using the adjusted RRs with the generic inverse variance method.

Country(ies) involved: China.

Keywords: Vitamin C; Sepsis; Septic shock; Hydrocortisone; Meta-analysis.

Contributions of each author:
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