

INPLASY PROTOCOL

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Corresponding author:
Quancheng Kan

kanquancheng@126.com

Author Affiliation:

General ICU, The First Affiliated
Hospital of Zhengzhou
University, Henan Key Laboratory
of Critical Care Medicine, China

Support: 194200510017;
SBGJ2018020.

**Review Stage at time of this
submission:** Formal screening of
search results against eligibility
criteria.

Conflicts of interest: None.

Corticosteroids for treating sepsis in adult patients: A systematic review and meta-analysis

Liang, H¹; Song, H²; Yan, H³; Ding, X⁴; Sun, T⁵; Kan, Q⁶.

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

Condition being studied: Sepsis.

Information sources: Pubmed, Embase and Cochrane central.

INPLASY registration number: This protocol was registered with
the International Platform of Registered Systematic Review and
Meta-Analysis Protocols (INPLASY) on 27 November 2020 and
was last updated on 27 May 2021 (registration number
INPLASY2020110122).

INTRODUCTION

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

Condition being studied: Sepsis.

METHODS

Participant or population: Sepsis or septic
patients.

Intervention: Cortocosteroids.

Comparator: Placebo or control.

Study designs to be included: RCTs.

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

Information sources: Pubmed, Embase and Cochrane central.

Main outcome(s): 28-day mortality, ICU mortality, in-hospital.

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 HR, RR, OR, respectively.

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

Sensibility analysis: Sensitivity analyses were conducted for the primary out- come by excluding trials that reported ICU mortality or in-hospital mortality to replace 28-day mortality, using the adjusted odds ratios, RRs, and hazard ratios with the generic inverse variance method.

Country(ies) involved: China.

Keywords: corticosteroid, sepsis, septic shock.

Contributions of each author:

Author 1 - Huoyan Liang - The author drafted the manuscript and search the studies.

Email: push2017@126.com

Author 2 - Heng Song - The author provided statistical expertise.

Email: songheng960416@163.com

Author 3 - Hongyi Yan - search the studies.

Email: yanhongyi98@163.com

Author 4 - Xianfei Ding - search the studies.

Email: dingxianfei2009@163.com

Author 5 - Tongwen Sun - designed the study.

Email: suntongwen@163.com

Author 6 - Quancheng Kan - The author designed the study.

Email: kanquancheng@126.com