

# 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

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

**Conflicts of interest:** None.

## Corticosteroids had no effect on 28-day mortality in adult patients with sepsis: A systematic review and meta-analysis

Liang, H<sup>1</sup>; Song, H<sup>2</sup>; Yan, H<sup>3</sup>; Ding, X<sup>4</sup>; Sun, T<sup>5</sup>; Kan, Q<sup>6</sup>.

**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 23 April 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.

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**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