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Tissue perfusion parameter-guided initial resuscitation in adult patients with sepsis or septic shock: A systematic review and network meta-analysis

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We use this protocol and it's working

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Keywords: adult patients with sepsis, patients with sepsis, several tissue perfusion parameter, septic shock, therapy during initial resuscitation, initial resuscitation in adult patient, tissue perfusion parameter, guided initial resuscitation, sepsis, cochrane central register of controlled trial, systematic review, initial resuscitation, types of meta, network comparison meta, cochrane library, clinical trial, medline via pubmed, hemodynamic management, guided therapy, controlled trial

Abstract

Background: Hemodynamic management is crucial in treating patients with sepsis or septic shock. To date, several tissue perfusion parameters have been suggested, however; the optimal parameter is not well defined.

Objective: This study aims to examine whether and which tissue perfusion parameter-guided therapy during initial resuscitation in adult patients with sepsis or septic shock improved patients' outcomes.

Design: Systematic review and network meta-analysis.

Data sources: We will search the following electronic bibliographic databases: Cochrane Central Register of Controlled Trials (CENTRAL) in the Cochrane Library, MEDLINE via PubMed, Web of Science, and Igaku-Chuo-Zasshi. We will also search the World Health Organization International Clinical Trials platforms Search Portal (ICTRP) and ClinicalTrials.gov. for ongoing trials. There will be no language restriction.

Analysis: We will have two types of meta-analysis planned. First, direct pairwise meta-analysis will be conducted using random effect models. Second, network comparison meta-analysis will be conducted using a frequentist approach with multivariate random effect meta-analysis.

Attachments



[Review protocol.pdf](#)

117KB

