

## **Trial of the Week: SEPSISPAM References**

Special Guest: Katherine Spezzano, PharmD, MBA, BCCCP

### **Featured Trial**

SEPSISPAM Investigators. High versus low blood-pressure target in patients with septic shock. *N Engl J Med*. 2014 Apr 24;370(17):1583-93. <https://pubmed.ncbi.nlm.nih.gov/24635770/>

### **Guidelines**

Evans L, Rhodes A, Alhazzani W, et al. Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. *Intensive Care Med*. 2021 Nov;47(11):1181-1247. <https://pubmed.ncbi.nlm.nih.gov/34599691/>

Surviving Sepsis Campaign Guidelines Committee including the Pediatric Subgroup. Surviving sepsis campaign: international guidelines for management of severe sepsis and septic shock: 2012. *Crit Care Med*. 2013 Feb;41(2):580-637. <https://pubmed.ncbi.nlm.nih.gov/23353941/>

### **Articles Referenced**

Jouan Y, Seegers V, Meziani F, et al. Effects of mean arterial pressure on arousal in sedated ventilated patients with septic shock: a SEPSISPAM post hoc exploratory study. *Ann Intensive Care*. 2019 May 9;9(1):54. <https://pubmed.ncbi.nlm.nih.gov/31073873/>

Demiselle J, Seegers V, Lemerle M, et al. Prior Exposure to Angiotensin II Receptor Blockers in Patients With Septic Shock to Individualize Mean Arterial Pressure Target? A Post Hoc Analysis of the Sepsis and Mean Arterial Pressure (SEPSISPAM) Trial. *Crit Care Med*. 2021 Apr 1;49(4):e412-e422. <https://pubmed.ncbi.nlm.nih.gov/33591012/>

Fage N, Demiselle J, Seegers V, et al. Effects of mean arterial pressure target on mottling and arterial lactate normalization in patients with septic shock: a post hoc analysis of the SEPSISPAM randomized trial. *Ann Intensive Care*. 2022 Aug 19;12(1):78.

Canadian Critical Care Trials Group. Higher versus lower blood pressure targets for vasopressor therapy in shock: a multicentre pilot randomized controlled trial. *Intensive Care Med*. 2016 Apr;42(4):542-550. <https://pubmed.ncbi.nlm.nih.gov/26891677/>

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Richards-Belle A, Hylands M, Muttalib F, et al. Lower Versus Higher Exposure to Vasopressor Therapy in Vasodilatory Hypotension: A Systematic Review With Meta-Analysis. *Crit Care Med.* 2023 Feb 1;51(2):254-266. <https://pubmed.ncbi.nlm.nih.gov/36398968/>