

## **Trial of the Week: SOAP II References**

Special Guest: Jessica Casey, PharmD, BCPS, BCCP

### **Featured Trial**

De Backer D, Biston P, Devriendt J, Madl C, Chochrad D, Aldecoa C, Brasseur A, Defrance P, Gottignies P, Vincent JL; SOAP II Investigators. Comparison of dopamine and norepinephrine in the treatment of shock. *N Engl J Med*. 2010 Mar 4;362(9):779-89.

<https://pubmed.ncbi.nlm.nih.gov/20200382/>

### **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/>

Surviving Sepsis Campaign Management Guidelines Committee. Surviving Sepsis Campaign guidelines for management of severe sepsis and septic shock. *Crit Care Med*. 2004 Mar;32(3):858-73. <https://pubmed.ncbi.nlm.nih.gov/15090974/>

### **Articles Referenced**

Martin C, Viviani X, Leone M, Thirion X. Effect of norepinephrine on the outcome of septic shock. *Crit Care Med*. 2000 Aug;28(8):2758-65. <https://pubmed.ncbi.nlm.nih.gov/10966247/>

De Backer D, Creteur J, Silva E, et al. Effects of dopamine, norepinephrine, and epinephrine on the splanchnic circulation in septic shock: which is best? *Crit Care Med*. 2003 Jun;31(6):1659-67. <https://pubmed.ncbi.nlm.nih.gov/12794401/>

Sakr Y, Reinhart K, Vincent JL, et al. Does dopamine administration in shock influence outcome? Results of the Sepsis Occurrence in Acutely Ill Patients (SOAP) Study. *Crit Care Med*. 2006 Mar;34(3):589-97. <https://pubmed.ncbi.nlm.nih.gov/16505643/>

# PHARMACY TO DOSE

THE CRITICAL CARE PODCAST 

Patel GP, Grahe JS, Sperry M, Singla S, Elpern E, Lateef O, Balk RA. Efficacy and safety of dopamine versus norepinephrine in the management of septic shock. *Shock*. 2010 Apr;33(4):375-80. <https://pubmed.ncbi.nlm.nih.gov/19851126/>

De Backer D, Aldecoa C, Njimi H, et al. Dopamine versus norepinephrine in the treatment of septic shock: a meta-analysis\*. *Crit Care Med*. 2012 Mar;40(3):725-30. <https://pubmed.ncbi.nlm.nih.gov/22036860/>

Cheng L, Yan J, Han S, Chen Q, Chen M, Jiang H, Lu J. Comparative efficacy of vasoactive medications in patients with septic shock: a network meta-analysis of randomized controlled trials. *Crit Care*. 2019 May 14;23(1):168. <https://pubmed.ncbi.nlm.nih.gov/31088524/>