

## **Trial of the Week: REDUCE**

Special Guest: Matt Duprey, PharmD, PhD, BCCCP

### **Featured Trial**

REDUCE Study Investigators. Effect of Haloperidol on Survival Among Critically Ill Adults With a High Risk of Delirium: The REDUCE Randomized Clinical Trial. *JAMA*. 2018 Feb 20;319(7):680-690. <https://pubmed.ncbi.nlm.nih.gov/29466591/>

### **Guidelines**

Devlin JW, Skrobik Y, Gélinas C, et al. Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU. *Crit Care Med*. 2018 Sep;46(9):e825-e873. <https://pubmed.ncbi.nlm.nih.gov/30113379/>

Barr J, Fraser GL, Puntillo K, et al American College of Critical Care Medicine. Clinical practice guidelines for the management of pain, agitation, and delirium in adult patients in the intensive care unit. *Crit Care Med*. 2013 Jan;41(1):263-306. <https://pubmed.ncbi.nlm.nih.gov/23269131/>

### **Articles Referenced**

Devlin JW, Roberts RJ, Fong JJ, Skrobik Y, Riker RR, Hill NS, Robbins T, Garpestad E. Efficacy and safety of quetiapine in critically ill patients with delirium: a prospective, multicenter, randomized, double-blind, placebo-controlled pilot study. *Crit Care Med*. 2010 Feb;38(2):419-27. <https://pubmed.ncbi.nlm.nih.gov/19915454/>

MIND Trial Investigators. Feasibility, efficacy, and safety of antipsychotics for intensive care unit delirium: the MIND randomized, placebo-controlled trial. *Crit Care Med*. 2010 Feb;38(2):428-37. <https://pubmed.ncbi.nlm.nih.gov/20095068/>

Page VJ, Ely EW, Gates S, et al. Effect of intravenous haloperidol on the duration of delirium and coma in critically ill patients (Hope-ICU): a randomised, double-blind, placebo-controlled trial. *Lancet Respir Med*. 2013 Sep;1(7):515-23. <https://pubmed.ncbi.nlm.nih.gov/24461612/>

Duprey MS, van den Boogaard M, van der Hoeven JG, et al. Association between incident delirium and 28- and 90-day mortality in critically ill adults: a secondary analysis. *Crit Care*. 2020 Apr 20;24(1):161. <https://pubmed.ncbi.nlm.nih.gov/32312288/>

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THE CRITICAL CARE PODCAST 

Duprey MS, Devlin JW, van der Hoeven JG, et al. Association Between Incident Delirium Treatment With Haloperidol and Mortality in Critically Ill Adults. *Crit Care Med*. 2021 Aug 1;49(8):1303-1311. <https://pubmed.ncbi.nlm.nih.gov/33861548/>

MIND-USA Investigators. Haloperidol and Ziprasidone for Treatment of Delirium in Critical Illness. *N Engl J Med*. 2018 Dec 27;379(26):2506-2516. <https://pubmed.ncbi.nlm.nih.gov/30346242/>