

Glucose Management in the ICU: The Evolving Role of Nutrition

References

Adams RL, Broughton KS. Insulinotropic effects of whey: mechanisms of action, recent clinical trials, and clinical applications. *Ann Nutr Metab*. 2016;69(1):56-63.

Arabi YM, Aldawood AS, Haddad SH, et al. Permissive underfeeding or standard enteral feeding in critically ill adults. *N Engl J Med*. 2015;372(25):2398-2408.

Casaer MP, Hermans G, Wilmer A, Van den Berghe G. Impact of early parenteral nutrition completing enteral nutrition in adult critically ill patients (EPaNIC trial): a study protocol and statistical analysis plan for a randomized controlled trial. *Trials*. 2011;12:21.

Choi EY, Park DA, Park J. Optimal initial amount of enteral feeding in critically ill patients: systematic review and meta-analysis. *J Parenter Enteral Nutr*. 2015;39(3):291-300.

Compher C, Chittams J, Sammarco T, et al. Greater protein and energy intake may be associated with improved mortality in higher risk critically ill patients: a multicenter, multinational observational study. *Crit Care Med*. 2017;45:156-163.

Heidegger CP, Berger MM, Graf S, et al. Optimization of energy provision with supplemental parenteral nutrition in critically ill patients: a randomized controlled clinical trial. *Lancet*. 2013;381(9864):385-393.

Holman RR, Farmer AJ, Davies MJ. Three-year efficacy of complex insulin regimens in type 2 diabetes. *N Engl J Med*. 2009;361:1736-1747.

Kumbier M, Teixeira C, Helal L, Almeida J. Safer glycemic control using fructose based enteral formula-a randomized crossover clinical trial. *Diabetes*. 2018;67(Suppl 1):768-P.

Mesejo A, Montejo-González JC2, Vaquerizo-Alonso C, et al. Diabetes-specific enteral nutrition formula in hyperglycemic, mechanically ventilated, critically ill patients: a prospective, open-label, blind-randomized, multicenter study. *Crit Care*. 2015;19:390.

[NICE-SUGAR Study Investigators](#), [Finfer S](#), [Liu B](#), [Chittock DR](#), et al. Hypoglycemia and risk of death in critically ill patients. *N Engl J Med*. 2012;367:1108-1118.

Ochoa JB and Machado FR. Early nutrition in critically ill patients feed carefully in moderation. *JAMA*. 2013;309(20):2165-2166.

Glucose Management in the ICU: The Evolving Role of Nutrition

References Continued

Rice TW, Files DC, Morris PE, et al. Dietary management of blood glucose in medical critically ill overweight and obese patients: an open-label randomized trial. *J Parenter Enteral Nutr.* 2019;43(4):471-480.

Rice TW, Mogan S, Hays MA, Bernard GR, Wheeler AP. Randomized trial of initial trophic versus full-energy enteral nutrition in mechanically ventilated patients with acute respiratory failure. *Crit Care Med.* 2011;39(5):967-974.

Rice TW, Wheeler AP, Thompson BT, et al. (ARDS) Clinical Trials Network. Initial trophic vs full enteral feeding in patients with acute lung injury: the EDEN randomized trial. *JAMA.* 2012;307(8):795-803.

Singer P, Anbar R, Cohen J, et al. The tight calorie control study (TICACOS): a prospective, randomized, controlled pilot study of nutritional support in critically ill patients. *Intensive Care Med.* 2011;37(4):601-609.

[TARGET Investigators for the ANZICS Clinical Trials Group](#), [Chapman M](#), [Peake SL](#), [Bellomo R](#), et al. Energy-dense versus routine enteral nutrition in the critically ill. *N Engl J Med.* 2018;379(19):1823-1834.

Van den Berghe G, [Wilmer A](#), [Hermans G](#), et al. Intensive insulin therapy in the medical ICU. *N Engl J Med.* 2006;354(5):449-461.

[Van den Berghe G](#), [Wouters P](#), [Weekers F](#), et al. Intensive insulin therapy in critically ill patients. *N Engl J Med.* 2001;345(19):1359-1367.

Van Steen SC, [Rijkenberg S](#), [Sechterberger MK](#), et al. Glycemic effects of a low-carbohydrate enteral formula compared with an enteral formula of standard composition in critically ill patients: an open-label randomized controlled clinical trial. *J Parenter Enteral Nutr.* 2018;42(6):1035-1045.

[Weijs PJ](#), [Looijaard WG](#), [Beishuizen A](#), et al. Early high protein intake is associated with low mortality and energy overfeeding with high mortality in non-septic mechanically ventilated critically ill patients. *Crit Care.* 2014;18(6):701.

Zusman O, Theilla M, Cohen J, et al. Resting energy expenditure, calorie and protein consumption in critically ill patients: a retrospective cohort study. *Crit Care.* 2016;20:367.