

Effect of Intravenous Fluid Treatment With a Balanced Solution vs 0.9% Saline Solution on Mortality in Critically Ill Patients

T H E B a S I C S T R I A L



PLASMA-LYTE 148
5522 patients

Double-blind, factorial, randomized trial



11052 Critically Ill Patients - 75 ICUs



NORMAL SALINE
5530 patients

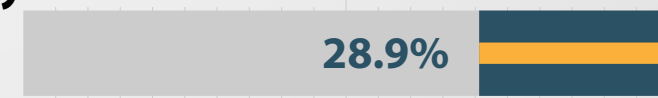
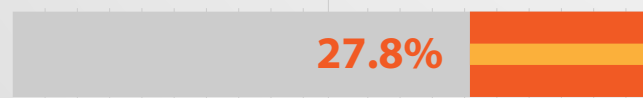
90-day Mortality

HR, 0.97 [95% CI, 0.90-1.05]; P = .47



Need for Renal Replacement Therapy

OR 0.95 [95% CI 0.86-1.04]



★ Kidney injury measure was a secondary outcome - the study was underpowered ★

Balanced crystalloid fluid did not result in a lower mortality rate or a lower need of renal replacement therapy in critically ill patients!