

## **CRRT Trials of the Week: RENAL and IDEAL-ICU**

Special Guest: Linda Awdishu, PharmD, MAS

### **Featured Trials**

RENAL Replacement Therapy Study Investigators. Intensity of continuous renal-replacement therapy in critically ill patients. *N Engl J Med*. 2009 Oct 22;361(17):1627-38.

<https://pubmed.ncbi.nlm.nih.gov/19846848/>

IDEAL-ICU Trial Investigators and the CRICS TRIGGERSEP Network. Timing of Renal-Replacement Therapy in Patients with Acute Kidney Injury and Sepsis. *N Engl J Med*. 2018 Oct 11;379(15):1431-1442. <https://pubmed.ncbi.nlm.nih.gov/30304656/>

### **Articles Referenced**

Kidney Disease: Improving Global Outcomes (KDIGO) Acute Kidney Injury Work Group. KDIGO Clinical Practice Guideline for Acute Kidney Injury. *Kidney inter.*, Suppl. 2012; 2: 1–138. <https://kdigo.org/wp-content/uploads/2016/10/KDIGO-2012-AKI-Guideline-English.pdf>

AKIKI Study Group. Initiation Strategies for Renal-Replacement Therapy in the Intensive Care Unit. *N Engl J Med*. 2016 Jul 14;375(2):122-33. <https://pubmed.ncbi.nlm.nih.gov/27181456/>

Zarbock A, Kellum JA, Schmidt C, et al. Effect of Early vs Delayed Initiation of Renal Replacement Therapy on Mortality in Critically Ill Patients With Acute Kidney Injury: The ELAIN Randomized Clinical Trial. *JAMA*. 2016 May 24-31;315(20):2190-9.

<https://pubmed.ncbi.nlm.nih.gov/27209269/>

STARRT-AKI Investigators; Canadian Critical Care Trials Group; Australian and New Zealand Intensive Care Society Clinical Trials Group; United Kingdom Critical Care Research Group; Canadian Nephrology Trials Network; Irish Critical Care Trials Group. Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. *N Engl J Med*. 2020 Jul 16;383(3):240-251. <https://pubmed.ncbi.nlm.nih.gov/32668114/>