

## **SIGNIFICANCE STATEMENT**

Implementation of Early Initiation of Renal Replacement Therapy in Critically Ill Patients with Acute Kidney Injury: Impact on Long Term Clinical Outcomes. The optimal timing of renal replacement therapy in patients with acute kidney injury remains a subject of debate. The ELAIN trial compares a strategy of early initiation of renal replacement therapy at KDIGO stage 2 versus a delayed strategy at KDIGO stage 3 in critically ill patients with acute kidney injury. The results of this follow-up analysis display significantly improved patient-centered long-term outcomes and offer novel insights towards an improved treatment of acute kidney injury.