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"Emergency Department Visits and Hemodialysis by Uninsured Patients in Texas"

Our project seeks to characterize Emergency Department (ED) visits associated with hemodialysis (HD) by uninsured patients in the state of Texas. Aim 1 is to determine the incidence and characteristics of uninsured patients receiving emergent ED HD. Aim 2 is to determine the differences in hospital utilization and outcomes between uninsured and insured patients that are admitted to the hospital from the ED and receive HD treatment. For both aims, we expect to find key differences between the characteristics of uninsured and insured patients. To complete this project, we will perform a cross-sectional analysis using the 2017 Texas Emergency Department Data Set (TEDDS). We will identify differences between insured and uninsured individuals using logistic regression and odds ratios with 95% confidence intervals. For inpatient outcomes, we will use multivariable logistic regression, adjusting for clinical severity and risk of mortality.