

Economic Burden of the Stages of Pediatric CKD on the US Healthcare System



HYPOTHESIS: There is an association between pediatric CKD severity and economic burden in the United States

DESIGN & OUTCOMES:

Pediatric Health Information System (PHIS) Database

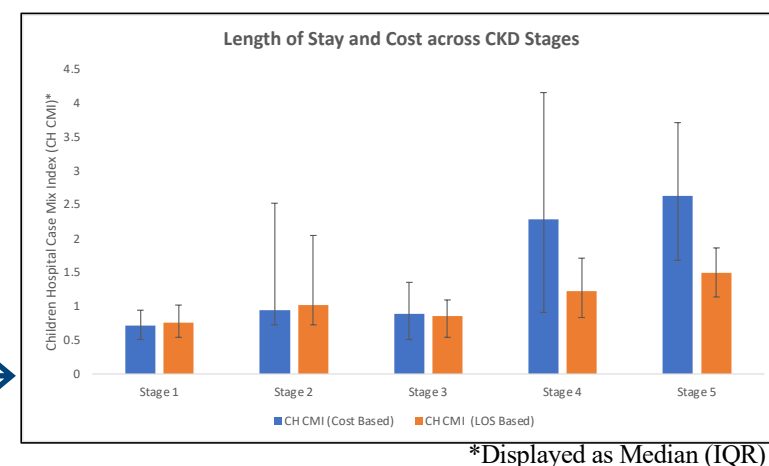


46 US Hospitals
574 Children
≤18 years of age

CKD Stage (1-5)	Patients (n)
CKD Stage 1	16
CKD Stage 2	23
CKD Stage 3	64
CKD Stage 4	182
CKD Stage 5	289

Variables Measured:

- Total Cases
- Length of Stay
- Hospitalization cost
- Morbidity and Mortality



► Morbidity and mortality remained constant through the various stages of CKD.

CONCLUSION: Length of stay (LOS) and hospitalization costs are increased in pediatric patients with CKD stages 4 and 5 when compared to hospitalized controls, significantly increasing over the different stages of CKD.

Taliwal et al. 2023



Pediatric Nephrology

Journal of the
International Pediatric Nephrology Association