

# Post-operative Acute Kidney Injury in Women who underwent Emergency Obstetric Surgery at Muhimbili National Hospital in Dar Es Salaam, Tanzania



## Methods

Retrospective cohort study



Patients who underwent emergency obstetric surgery



Muhimbili National Hospital Tanzania



2019 to 2021



## Results

**180**  
women

underwent emergency obstetric surgery



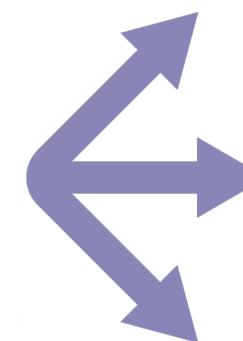
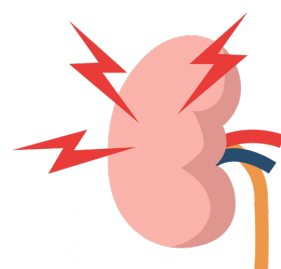
**29**  
years

mean age of AKI patients



**30%**  
(54/180)

had an AKI within post-operative day 7



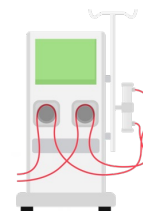
48.1% AKI stage 1

14.8% AKI stage 2

37.1% AKI stage 3

**33.3%**

required hemodialysis



**35.2%**

full renal recovery



**64.8%**

persistant AKI



**20.4%**

died



**Conclusion:** Frequency of AKI after emergency obstetric surgery is high. Most AKI patients were treated conservatively and some required dialysis. Mortality associated to AKI is alarming.

**Author:** Ali IM, Alwy Al-Beity FM, et al  
**Visual Abstract by:** Alejandro Garcia-Rivera @alexgr23

