

Prevalence, Associated Factors and Prognostic of AKI in Malaria in Sub-Saharan Africans

Methods



**Retrospective,
multicenter
5 Year-Period**



**All malaria patients
Hospitalized in Dakar
Hospitals**



Incidence of AKI 49.2%



**321 Patients/158 AKI
AKI 49.2%
Age Mean 36.25 yrs
M/F: 3.14**

Results



**Anuria 64.3%
Oliguria 26.8%
Edema 7.14%**



**Hydration
96.8%
Hemodialysis
1.89 sessions**



**Mortality 41,
12.77%
AKI
OR: 3.584
P=0.004**

Risk Factors for AKI



Anemia



**OR: 0.40
p= 0.002**



**Herbal
Medicine**



**OR: 1.50
p= 0.045**



**Respiratory
Distress**



**OR: 2.75
p= 0.034**



Diabetes



**OR: 3.37
p= 0.044**