

Supplementary File 1: Structured Data Extraction Form

Study title: **Dialyzing Against Time: Early Hemodialysis Initiation and Clinical Outcomes among Patients with Acute Kidney Injury in a Ghanaian Military Hospital**

Purpose: This English-language structured data extraction form was developed specifically for this retrospective study to guide consistent extraction of demographic, clinical, hemodialysis, and outcome variables from patient records.

Section A: Sociodemographic characteristics

Variable / item	Response / extracted value
Study code/unique record number (no patient identifiers)	
Age at admission	
Sex	
Educational level, where available	
Occupation, where available	

Section B: Clinical and diagnostic characteristics

Variable / item	Response / extracted value
Date of admission	
Primary admission diagnosis	

AKI diagnosis documented in record	
KDIGO AKI stage/criteria documented	
Baseline or admission serum creatinine	
Peak serum creatinine	
Urine output record	
Electrolyte abnormalities	
Comorbidities such as hypertension, diabetes mellitus, sepsis, cardiovascular disease, infections, or trauma	
Other relevant laboratory findings	

Section C: Hemodialysis initiation characteristics

Variable / item	Response / extracted value
Date/time KDIGO stage 3 AKI criteria were met	
Date/time hemodialysis was initiated	
Timing classification: early hemodialysis within 24 hours; delayed hemodialysis after 24 hours	
Indication(s) for hemodialysis	
Number of hemodialysis sessions	
Dialysis-related complications documented	

Vascular access type, where documented	
--	--

Section D: Patient outcomes

Variable / item	Response / extracted value
Vital status/discharge outcome	
Short-term mortality: yes/no	
Renal recovery documented: yes/no	
Post-dialysis serum creatinine trend	
Post-dialysis urine output trend	
Duration of hospitalization	
Complications during admission	
Discharge destination or follow-up plan, where documented	

Instructions for data extractors

1. Do not record names, folder numbers, addresses, telephone numbers, or other direct patient identifiers on this form.
2. Use the assigned study code only.
3. Early hemodialysis is defined as initiation within 24 hours of meeting KDIGO stage 3 AKI criteria. Delayed hemodialysis is defined as initiation after 24 hours.

4. Any unclear or incomplete record should be flagged for independent review by a second researcher.