

Is It **SAFE** To Be Directly Discharged From Critical Care?



CRITICAL CARE PATIENT JOURNEY

DISCHARGE JOURNEY

Hospital Ward



Key

Traditional Discharge ———
Direct Discharge Home - - - - -

WHY DIRECT DISCHARGE?



STAFF

Reducing patient volume per staff



HOSPITAL

Improving bed flow and management



PATIENT

Reduce unnecessary prolonged hospital stay

WHAT DEMOGRAPHIC OF PATIENTS ARE BEING DIRECTLY DISCHARGED?



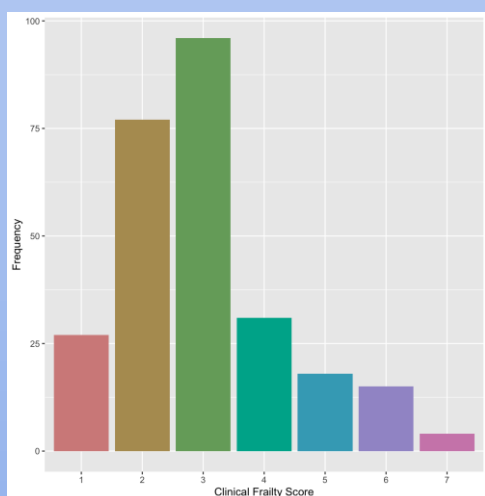
The median age for men was 60 while women on average were 51.



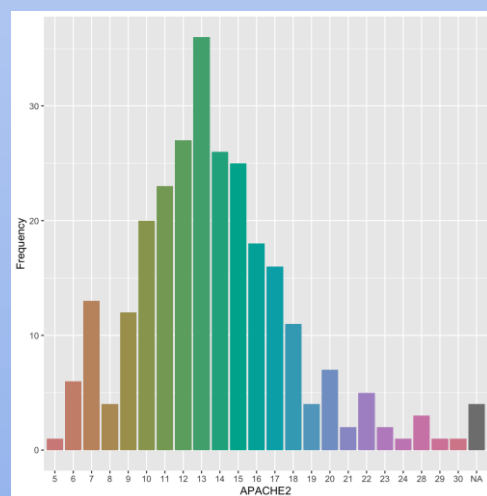
Among the 268 patients, 141 were men while 127 were females.



Hypertension was the most common comorbidity with 87 patients having it. 48 patients had diabetes mellitus while 46 patients had asthma and 30 had COPD. Only 12 patients had a diagnosis of Epilepsy.



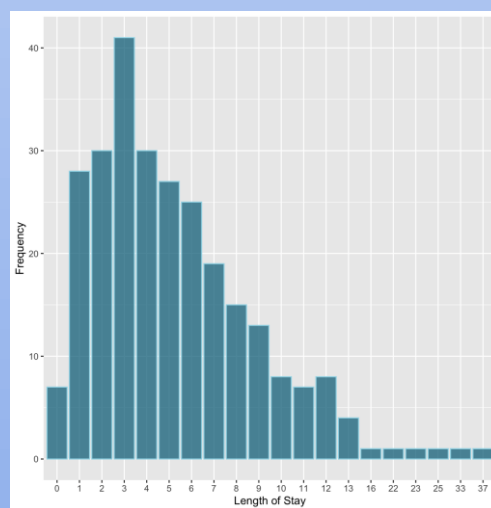
The mode clinical frailty score (CFS) was 3 (n=96, 36%)



The median APACHE 2 score was 13 (11, 16).

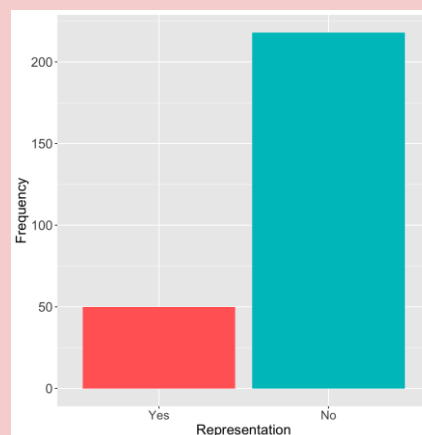
Top 3 Admission Reason to Critical Care

- 1 Postoperative Monitoring (n=129)
- 2 Drug Overdose (n=46)
- 3 Sepsis (n=29)



The median length of stay in Critical Care was 4 days (IQR= 3, 7) with the minimum stay being less than 24 hours and the maximum duration being 37 days.

REPRESENTATION AFTER DISCHARGE <30 DAYS



50 (19%) Patients presented to hospital following discharge within 30 days. Out of the 50 patients who represented, 34 (68%) patients had their readmission related to initial presentation.

Cardiac Support

- 32% (n=87) required vasopressors/ inotropes.
- None of the 268 patients required pacing

Respiratory Support

- 42% (n= 112) of patients required high flow oxygen.
- 12% (n=32) required non-invasive ventilation including CPAP
- 28% (n=75) were intubated for invasive ventilation.

Renal Support

- Only 2 patients required renal replacement during their stay.

Follow Up After Initial Discharge

- 158 patient's follow up data was acquired. Some patients follow up were with other hospitals, thus was not able to gather their follow up data.
- On average, the patients were followed up within 34 days after discharge
- Most patients were followed up by a doctor 132 (85%).

TOP 2 Readmission Reason

- 1 Surgical Issues (n=15)
- 2 Unspecified Diagnosis (n=6)