

Study Results Summary for Registry Submission

PACTR202401873429493

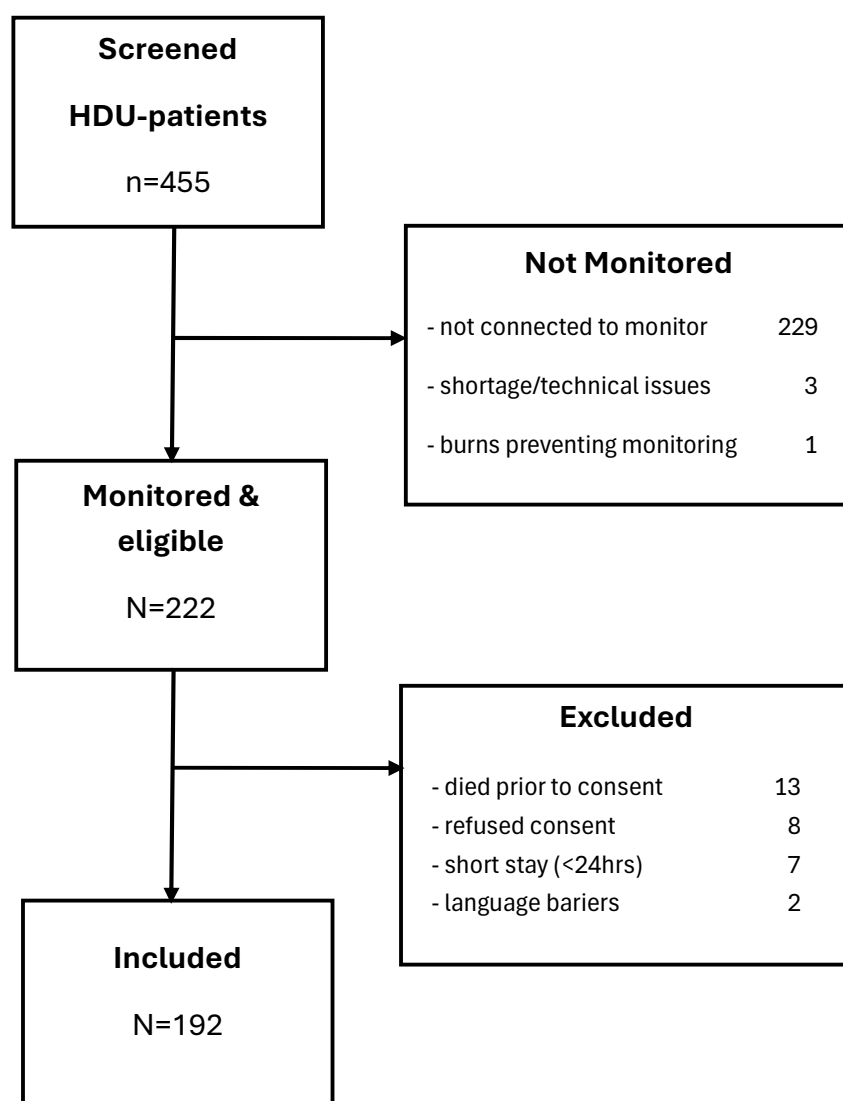
STUDY TITLE

**Innovative Monitoring in PAediatrics in Low-resource settings: an Aid to save lives?
Pilot study assessing a monitor with integrated predictive algorithm**

1. Participant Flow

Flow diagram of participants at each stage:

Figure 1. Flowchart of patients included in the analysis



2. Baseline Characteristics

Characteristic	Total (N=192)
DEMOGRAPHICS	Participant, No (%)
Child age (Months) - mean (SD)	25.8 (16.6)
Sex (Male)	98 (51.0%)
Hospital	
ZCH	192 (100%)
PATIENT HISTORY	
Previous hospital admission	46/187 (24.6%)
Chronic conditions disability	6/189 (3.2%)
CLINICAL OBSERVATIONS	
Increased work of breathing	88/175 (50.3%)
Pallor	64/182 (35.2%)
Reduced consciousness (VPU, Alert as ref)	62/184 (33.7%)
Fever on admission	101/187 (54.0%)
HDU Admission reasons	
Respiratory	113 (58.9%)
Circulatory	78 (40.6%)
Neurological	88 (45.8%)
Need for intensive nursing care	154 (80.2%)

Table 1 : Participant characteristics

3. Outcome Measures

Primary Outcome:

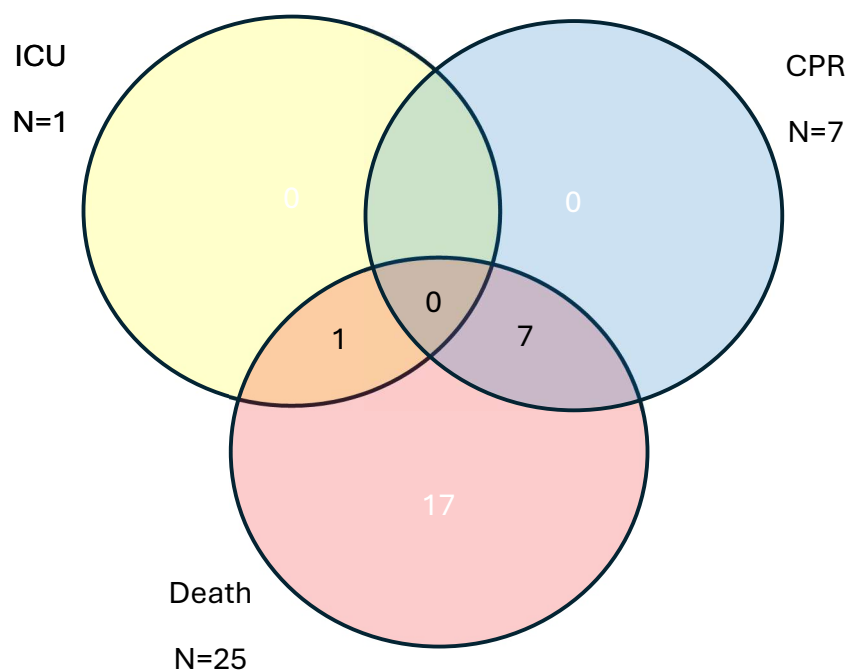
- In hospital deaths occurred in 25 children as displayed in table 2

Secondary Outcomes:

- Severe outcome occurred in 25 patients as displayed in table 2.
- Since this is a composite score of three events we further specified the overlap in figure 1

OUTCOME	Total (N=192)
Deaths (in hospital)	25 (13.0%)
Severe outcome (any of below)	25 (13.0%)
Cardio-Pulmonary Resuscitation	7 (3.6%)
ICU transfer	1 (0.5%)
Death	25 (13.0%)

Table 2 : Outcome of the patients



4. Adverse Events

This study was not an intervention trial, yet an observational study. We did not experience a (S)AE.