Supplementary Figure 1:

- Assessed for eligibility: 152
- Excluded: 59 (39%)
  - admitted from other hospitals (44)
  - not treated with CPAP (n=15)
- Treated with CPAP: 93 (62%)
  - CPAP success: 32 (34%)
  - required invasive ventilation: 47 (77%)
    - hospital survival: 32 (34%)
  - CPAP failure: 61 (66%)
    - died with CPAP as ceiling of care: 14 (23%)
    - hospital death: 26 (28%)
    - hospital death: 14 (15%)

Supplementary Figure 2:
Supplementary Figure 3:
Supplementary Figure 4:

PaO$_2$/FiO$_2$

- Baseline
- 6 h

p<0.01

Respiratory rate

- Baseline
- 6 h

CPAP success
CPAP failure