No. of adults (≥ 18 y) admitted to the post-operative cardiac surgery ICU from May 2012 till February 2014
N = 1064

Inclusion criteria
► Elective surgery
► Written informed consent

Exclusion criteria
► AKI stage ≥ 1 at time of enrolment
► CKD stage 5
► Recent kidney transplant
► Surgery on Sat or Sun

Enrolled N = 211
Excluded
N = 1
Analysed N = 210

12-h window
Secondary endpoint
No AKI N = 157 74.8 %
AKI stage 1 N = 48 22.9 %
AKI stage 2 N = 5 2.4 %
AKI stage 3 N = 0 0.0 %

Within AKI ≥ 2 100 %
Within AKI ≥ 2 62.5 %
Within AKI ≥ 2 43.6 %

24-h window
No AKI N = 118 56.2 %
AKI stage 1 N = 76 36.2 %
AKI stage 2 N = 13 6.2 %
AKI stage 3 N = 3 1.4 %

Within AKI ≥ 2 81.3 %
Within AKI ≥ 2 9.5 %
Within AKI ≥ 2 18.8 %

48-h window
No AKI N = 108 51.4 %
AKI stage 1 N = 70 33.3 %
AKI stage 2 N = 20 9.5 %
AKI stage 3 N = 12 5.7 %

Within AKI ≥ 2 62.5 %
Within AKI ≥ 2 10.5 %
Within AKI ≥ 2 37.5 %

7-d window
No AKI N = 103 49.0 %
AKI stage 1 N = 68 32.4 %
AKI stage 2 N = 22 10.5 %
AKI stage 3 N = 17 8.1 %

Within AKI ≥ 2 56.4 %
Within AKI ≥ 2 43.6 %