

**Supplemental Tables:****Supplemental Table S1. Distribution of outcomes by Renal Angina Index (RAI) Score and modified sepsis RAI (sRAI) designation.**

	Total Patients, n (% cohort)	Incidence D3 Severe AKI, n (% in category)	Incidence D1-7 KRT, n (% in category)
<b>RAI Score</b>			
1	31 (8.5)	0 (0)	0 (0)
2	72 (20)	0 (0)	0 (0)
3	2 (0.5)	0 (0)	0 (0)
4	33 (9)	2 (6)	2 (6)
5	27 (7.5)	1 (4)	1 (4)
6	3 (0.5)	0 (0)	0 (0)
8	39 (11)	13 (33)	4 (10)
10	52 (14)	5 (10)	4 (8)
12	4 (1)	1 (25)	0 (0)
20	17 (5)	2 (12)	1 (6)
24	10 (3)	6 (60)	5 (50)
40	73 (20)	49 (67)	32 (44)
<b>sRAI Designation</b>			
<b>Negative</b>			
A.RAI <8	168 (46)	3 (2)	3 (2)
B.RAI 8 to < 20 and platelets ≥ 150x10 <sup>3</sup> /μL	55 (15)	9 (16)	1 (2)
<b>Positive</b>			
A.RAI Score ≥ 20	100 (28)	57 (57)	38 (38)
B.RAI 8 to < 20 and platelets < 150x10 <sup>3</sup> /μL	40 (11)	10 (25)	7 (18)

Data for categorical variables are reported as n (%)

**Supplemental Table S2. Distribution of Outcomes by Renal Angina Index (RAI) and modified sepsis RAI (sRAI) components.**

<b>RAI/sRAI Components</b>	<b>Total Patients, n (% cohort)</b>	<b>Incidence D3 Severe AKI, n (% in category)</b>	<b>Incidence D1-7 KRT, n (% in category)</b>
<b>History of Transplantation</b>			
Yes	34 (9)	18 (53)	13 (38)
No	329 (91)	61 (19)	36 (11)
<b>D1 Vasoactive Use</b>			
Yes	268 (74)	70 (26)	45 (17)
No	95 (26)	9 (9)	4 (4)
<b>D1 Mechanical Ventilation</b>			
Yes	202 (56)	60 (30)	39 (19)
No	161 (44)	19 (12)	10 (6)
<b>D1% Fluid Balance</b>			
<5%	213 (59)	41 (19)	26 (12)
5-10%	103 (28)	21 (20)	14 (14)
10-15%	28 (8)	11 (39)	4 (14)
>15%	14 (4)	6 (43)	5 (36)
<b>D1 SCr&gt;Baseline</b>			
Decreased or no change	106 (29)	5 (5)	4 (4)
>1-1.49x,	104 (29)	5 (5)	5 (5)
1.5-1.99x	42 (12)	5 (12)	2 (5)
≥2x	84 (23)	39 (46)	12 (14)
On KRT	26 (7)	25 (96)	26 (100)
<b>Platelet Count &lt;150 x 10<sup>3</sup>/uL</b>			
Yes	171 (47)	51 (30)	36 (21)
No	192 (53)	28 (15)	13 (7)

Data for categorical variables are reported as n (%)