

SUPPLEMENTARY ONLINE TABLES AND FIGURES

Supplementary Table 1. Criteria and reasons for commencing RRT and renal function at 1 year of follow-up: Chart analysis of individual patients on criteria for starting RRT, along with follow-up data at 1 year, both mortality and renal function. *: patients on dialysis pre-operatively were excluded. ATN: acute tubular necrosis; CKD: chronic kidney disease; eGFR: estimated glomerular filtration rate; ESRD: end-stage renal disease; HD: hemodialysis; RRT: renal replacement therapy.

Patient	Dexamethasone?	eGFR < 15 pre-operatively*	RRT commencement criteria and cause	Death <30 days	Death < 1 year	Renal function and mortality after 1 year
1	Yes	Yes	Hyperkalemia	No	No	CKD stage 3
2	Yes	No	Anuria due to ATN	Yes	Yes	-
3	Yes	Yes	Anuria due to Sepsis and metabolic acidosis	No	Yes	-
4	No	No	Oliguria due to ATN	No	No	No CKD
5	No	No	Anuria due to ATN	No	No	ESRD on HD; death 4 years after surgery
6	Yes	Yes	Anuria due to ATN	No	No	CKD stage 4
7	No	Yes	Unknown	No	Yes	-
8	No	No	Anuria due to ATN	No	Yes	-
9	No	Yes	Hyperkalemia	No	No	CKD stage 4
10	Yes	No	Anuria due to diuretics-induced renal failure	No	No	CKD stage 3
11	No	Yes	Oliguria due to ATN	No	No	CKD stage 4; death 5 years after surgery
12	No	Yes	Oliguria due to ATN	Yes	Yes	-
13	Yes	No	Progressive metabolic acidosis	No	No	CKD stage 4
14	No	Yes	Anuria due to ATN	No	No	CKD stage 4
15	Yes	No	Anuria due to ATN	No	Yes	-
16	No	No	Oliguria due to ATN	No	No	CKD stage 2
17	No	Yes	Oliguria due to septic shock	Yes	Yes	-
18	No	Yes	Progressive metabolic acidosis and ATN	No	No	CKD stage 3
19	No	Yes	Anuria due to ATN	No	No	ESRD on HD
20	Yes	No	Anuria due to ATN	No	No	Unknown
21	No	No	Oliguria due to ATN	Yes	Yes	-
22	No	Yes	Oliguria after forward cardiac failure	No	No	CKD stage 2

23	No	No	Anuria due to ATN	Yes	Yes	-
24	No	Yes	Anuria due to ATN	No	No	CKD stage 4
25	No	Yes	Anuria due to ATN	No	Yes	-
26	No	No	Anuria after forward cardiac failure	No	No	CKD stage 3
27	No	No	Hyperkalemia	No	No	CKD stage 4
28	No	Yes	Oliguria due to ATN	No	No	CKD stage 4
29	No	No	Hyperkalemia and oliguria after forward cardiac failure	Yes	Yes	-
30	Yes	No	Anuria due to ATN	Yes	Yes	-
31	No	Yes	Hyperkalemia and metabolic acidosis	No	No	ESRD on HD
32	Yes	No	Oliguria due to ATN	No	No	CKD stage 2
33	No	Yes	Anuria after forward cardiac failure and ATN	Yes	Yes	-

Legends to Supplemental Figures

Supplemental Figure 1. Enrolment flowchart. DECS: Dexamethasone for Cardiac Surgery.

Figure 1.

