

Table S1 Characteristics of procedure, efficacy, complications, and outcomes of the 21 acute peritoneal dialysis patients

Patients	BW (g)	GA (weeks)	Age ^a (days)	Position ^b	Glucose ^c	Antibiotics ^d	Canula ^e	Duration ^f	Edema 1 ^g	Edema 2 ^h	Time 1 ⁱ	Time 2 ^j	Urine output ^k	Complications ^l	Out-comes
1	1,540	31	2	B	2.5		T2	12 h	–	–	–	–	Anuria	No	Death
2	800	27.71	9	A	2.5		T1	48 h	Yes	No	–	–	Anuria	No	Death
3	1,100	28.43	5	D	1.5; 2.5; 4.25	Ceftazidime; Vancomycin	T1	8 d	Yes	No	12 h	–	Small	No	Abandoned
4	830	26.14	23	B	2.5; 4.25	Cefoperazone sulbactam	T2	10 d	Yes	No	–	–	Anuria	Inadequate drainage	Abandoned
5	1,040	28	2	B	2.5		T4	5 d	Yes	Yes	36 h	48 h	Small	No	Abandoned
6	900	25.71	4	C	2.5	Cefoperazone- sulbactam	T1	48 h	Yes	No	–	–	Anuria	No	Death
7	2,280	33.57	3	B	2.5		T2	4 h	Yes	–	–	–	Anuria	Inadequate drainage	Death
8	540	26.14	6	C	1.5; 2.5; 4.25	Ceftazidime	T1	20 d	Yes	No	9 d	19 d	Normal	Drainage infection	Survival
9	1,510	30.14	10	C	1.5; 2.5		T1	12 d	No	No	12 h	5 d	Normal	No	Survival
10	1,310	30	2	A	2.5; 4.25		T1	5 d	Yes	No	3 d	4 d	Normal	No	Survival
11	1,370	29.43	3	A	2.5		T3	10 h	Yes	No	–	–	Anuria	No	Death
12	1,120	30	2	A	2.5; 4.25	Ceftazidime	T3	10 d	Yes	No	24 h	–	Small	Inadequate drainage	Abandoned
13	870	31.29	4	A	1.5; 2.5	Cefoperazone- sulbactam	T3	12 d	Yes	Yes	9 d	12 d	Normal	Drainage infection	Survival
14	800	25.5	7	A	2.5; 4.25	Cefoperazone- sulbactam	T3	3d	Yes	No	–	27 h	Normal	No	Survival
15	1,440	29.10	3	B	2.5		T3	3 d	Yes	No	24 h	–	Small	No	Abandoned
16	940	28.30	4	B	2.5		T3	5 h	Yes	No	–	–	Anuria	Inadequate drainage	Death
17	1,480	29.30	13	B	2.5		T3	3 d	No	No	24 h	36 h	Normal	No	Abandoned
18	2,110	32.60	3	B	1.5		T3	4 h	Yes	Yes	2 d	4 d	Normal	No	Survival
19	790	26.00	2	B	2.5	Meropenem	T3	1 h	Yes	No	–	–	Normal	No	Death
20	2,200	34.20	2	B	1.5	Cefoperazone- sulbactam	T3	6 d	Yes	No	4 h	24 h	Normal	No	Survival
21	790	25.50	11	B	2.5		T3	2 h	Yes	No	–	27 h	Anuria	Inadequate drainage	Death

^aage when AKI was diagnosed; ^bcut position for PD procedure: A, umbilicus; B, 0.5–1 cm left of umbilicus; C, 0.5–1 cm right of umbilicus; D, left of McBurney's point; ^cglucose concentration (%) in PD fluids; ^dantibiotics in PD fluids; ^ePD tube (canula): T1, 14-gauge gastric tube; T2, 10-gauge aseptic inhale phlegm pipe; T3, neonatal PD catheter; T4, 12-gauge urethral catheter; ^fDuration of PD; ^gIf patient had edema before PD; ^hIf patient had edema after PD; ⁱtime required for first urination after PD; ^jtime required for normal urine amount to be reached; ^kurine output after PD; ^lcomplications of PD. BW, birth weight; GA, gestational age.

Table S2 Changes in the BUN, sCr, and serum K⁺ levels following acute peritoneal dialysis

Patients	BUN pre-PD (mg/dl)	Lowest BUN post-PD (mg/dl)	Time to lowest BUN post-PD (d)	sCr pre-PD (μmol/L)	Lowest sCr post-PD (μmol/L)	Time to lowest sCr post-PD (d)	K pre-PD (mmol/L)	Lowest K post-PD (mmol/L)	Time to lowest K post-PD (d)
1	7.20	–	–	278.00	–	–	–	–	–
2	14.00	–	–	252.00	–	–	7.31	–	–
3	18.90	4.00	7	388.00	21.00	7	4.12	3.18	2
4	11.50	5.60	2	675.00	123.00	9	5.97	4.67	2
5	19.80	17.00	4	241.00	290.00	4	8.50	4.46	3
6	20.60	11.00	2	300.00	508.00	2	6.88	5.30	2
7	15.70	–	–	216.00	–	–	7.76	–	–
8	23.70	15.00	12	323.00	285.00	1	6.06	3.08	4
9	21.00	8.40	2	151.00	87.00	2	5.10	3.88	2
10	9.00	2.70	4	120.00	103.00	4	6.78	5.88	2
11	9.20	–	–	99.00	–	–	5.44	–	–
12	15.50	–	–	334.00	–	–	3.28	–	–
13	20.10	8.50	8	391.00	202.00	11	7.85	4.06	3
14	29.72	18.80	1	133.00	98.00	1	6.60	4.98	1
15	8.54	12.50	3	91.00	103.00	3	7.84	4.40	3
16	6.40	–	–	183.00	–	–	3.38	–	–
17	16.60	15.00	2	126.00	189.00	24	8.50	4.90	2
18	10.50	4.70	3	224.00	138.00	1	7.79	4.09	3
19	11.00	–	–	188.00	–	–	7.95	–	–
20	18.70	10.60	2	229.00	214.00	2	8.51	4.69	3
21	25.90	24.00	1	463.00	650.00	1	5.34	5.30	1