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Table S1. Patient characteristics at M3.

	M3		
	AKI group	Control group	<i>P</i> -value
N	280	305	0.30
Sex (% female)	43	49	0.53
Age (years)	71 (64-77)	71 (63-76)	0.28
sCr (μmol/L)	99 (81-123)	81 (70-98)	<0.001
eGFR (mL/min/1.73 m ²)	61 (46-77)	78 (63-89)	<0.001
PCR (ng/mmol)	12 (8-22)	9 (6-13)	<0.001
ACR (mg/mmol)	1.7 (0.6-8.0)	0.8 (0.0-2.3)	<0.001
CRP (mg/L)	3.0 (1.5-5.0)	2.0 (1.0-6.0)	0.05
DM at BL (% yes)	NA	NA	-
CKD at BL (% yes)	NA	NA	-
CKD stage 1, 2, 3A, 3B, 4, 5 (%)	11, 44, 23, 15, 6, 1	23, 56, 15, 4, 2, 0	<0.01
AKI stage 1, 2, 3 (%)	NA	NA	-
Recurrent AKI (%)	NA	NA	-

Data are presented as median (IQR). Statistical difference between the AKI and the control group was assessed by Mann-Whitney test or Chi-squared test. ACR, albuminuria to creatinine ratio; AKI, acute kidney injury; BL, baseline; CKD, chronic kidney disease; CRP, C-reactive protein; DM, diabetes mellitus; eGFR, estimated glomerular filtration rate; M3, month 3; PCR, proteinuria to creatinine ratio; sCr, serum creatinine.

Table S2. ROC curve analysis for kidney disease progression and mortality based on M3 variables.

	From M3 to Y3					
M3 variables	AKI group			Control group		
Kidney disease progression	AUC	95% CI	P-value	AUC	95% CI	P-value
eGFR	0.52	0.41-0.62	0.62	0.60	0.46-0.75	0.93
ETP	0.61	0.50-0.73	<0.05	0.73	0.59-0.87	<0.001
eGFR vs ETP	-	-	0.12	-	-	0.10
Mortality	AUC	95% CI	P-value	AUC	95% CI	P-value
eGFR	0.68	0.58-0.78	0.10	0.66	0.50-0.82	0.98
ETP	0.68	0.59-0.77	<0.001	0.62	0.49-0.75	<0.05
eGFR vs ETP	-	-	0.98	-	-	0.49

Kidney disease progression was defined as $\geq 25\%$ decline in eGFR and a decline in CKD stage. Number of events for kidney disease progression: 32/241 in the AKI group and 18/279 in the control group from M3 to Y3. Number of events for mortality: 28/280 in the AKI group and 17/305 in the control group from M3 to Y3. AUC, area under the curve; CI, confidence interval; eGFR, estimated glomerular filtration rate; ETP, endotrophin; M3, month 3; Y3, year 3.

Table S3. Logistic regression for kidney disease progression based on M3 variables.

	From M3 to Y3					
M3 variables	AKI group			Control group		
Univariate models	OR	95% CI	P-value	OR	95% CI	P-value
Sex (female)	0.65	0.31-1.38	0.27	0.65	0.23-1.71	0.38
Age	1.03	0.99-1.07	0.21	1.05	1.00-1.12	0.06
ACR	1.00	1.00-1.01	0.34	1.02	1.01-1.05	<0.01
BL DM (yes)	3.18	1.42-6.98	<0.01	4.44	1.65-11.95	<0.01
BL CKD (yes)	2.35	1.11-5.06	<0.05	3.35	1.26-8.95	<0.05
eGFR	1.00	0.98-1.02	0.96	0.98	0.95-1.00	0.10
ETP	1.05	1.01-1.10	<0.05	1.11	1.03-1.19	<0.01
Multivariate full model	OR	95% CI	P-value	OR	95% CI	P-value
Sex (female)	1.93	0.86-4.43	0.11	1.91	0.66-5.96	0.24
Age	1.04	0.99-1.10	0.11	1.06	0.99-1.14	0.09
ACR	1.00	0.99-1.01	0.38	1.02	1.00-1.05	<0.01
BL DM (yes)	2.44	0.97-6.00	0.06	3.28	1.09-9.79	<0.05
BL CKD (yes)	4.06	1.30-13.51	<0.05	2.62	0.57-12.27	0.21
eGFR	1.04	1.01-1.07	<0.01	1.03	0.99-1.08	0.12
ETP	1.04	0.98-1.10	0.21	1.11	1.01-1.21	<0.05
Multivariate model with BE	OR	95% CI	P-value	OR	95% CI	P-value
Sex (female)	Not retained			Not retained		
Age	Not retained			Not retained		
ACR	Not retained			1.02	1.00-1.04	<0.01
BL DM (yes)	2.80	1.21-6.38	<0.05	3.58	1.23-10.41	<0.05
BL CKD (yes)	4.15	1.41-12.97	<0.01	Not retained		
eGFR	1.03	1.00-1.05	<0.05	Not retained		
ETP	Not retained			1.08	1.00-1.17	<0.05

Kidney disease progression was defined as $\geq 25\%$ decline in eGFR and a decline in CKD stage. Number of events: 32/241 in the AKI group and 18/279 in the control group from M3 to Y3. ACR, albuminuria to creatinine ratio; AKI, acute kidney injury; BE, backwards elimination; BL, baseline; CI, confidence interval; CKD, chronic kidney disease; DM, diabetes mellitus; eGFR, estimated glomerular filtration rate; ETP, endotrophin; M3, month 3; OR, odds ratio; Y3, year 3.

Table S4. Cox proportional hazards regression for mortality based on M3 variables.

	From M3 to Y3					
M3 variables	AKI group			Control group		
Univariate models	HR	95% CI	P-value	HR	95% CI	P-value
Sex (female)	0.87	0.41-1.86	0.72	0.14	0.03-0.60	<0.01
Age	1.09	1.03-1.15	<0.01	1.03	0.98-1.09	0.28
ACR	1.00	1.00-1.01	0.63	1.00	0.99-1.01	0.65
BL DM (yes)	1.95	0.90-4.22	0.09	2.51	0.95-6.58	0.06
BL CKD (yes)	1.58	0.75-3.31	0.23	2.57	0.99-6.67	0.05
eGFR	0.97	0.96-0.99	<0.01	0.97	0.95-0.99	<0.01
ETP	1.03	1.02-1.05	<0.001	1.02	0.99-1.05	0.27
Multivariate full model	HR	95% CI	P-value	HR	95% CI	P-value
Sex (female)	0.80	0.37-1.76	0.58	0.15	0.03-0.68	<0.05
Age	1.07	1.01-1.13	<0.05	0.99	0.94-1.05	0.82
ACR	1.00	0.99-1.01	0.96	1.00	0.99-1.02	0.66
BL DM (yes)	1.35	0.58-3.15	0.49	1.60	0.56-4.58	0.38
BL CKD (yes)	0.44	0.16-1.21	0.11	0.90	0.22-3.69	0.88
eGFR	0.98	0.96-1.01	0.14	0.97	0.94-1.01	0.15
ETP	1.04	1.01-1.06	<0.01	0.99	0.92-1.07	0.74
Multivariate model with BE	HR	95% CI	P-value	HR	95% CI	P-value
Sex (female)	Not retained			0.15	0.03-0.65	<0.05
Age	1.08	1.03-1.13	<0.01	Not retained		
ACR	Not retained			Not retained		
BL DM (yes)	Not retained			Not retained		
BL CKD (yes)	Not retained			Not retained		
eGFR	Not retained			0.97	0.95-1.00	<0.05
ETP	1.04	1.02-1.06	<0.001	Not retained		

Number of events: 28/280 in the AKI group and 17/305 in the control group. ACR, albuminuria to creatinine ratio; AKI, acute kidney injury; BE, backwards elimination; BL, baseline; CI, confidence interval; CKD, chronic kidney disease; DM, diabetes mellitus; eGFR, estimated glomerular filtration rate; ETP, endotrophin; HR, hazard ratio; M3, month 3; Y3, year 3.