

Table 1: Characteristics and outcomes of COVID-19 infection.

		Dialysis (n=259)	Transplant (n=232)	P value
Baseline characteristics				
Age	mean ± SD	65.6 ± 12.4	57.6 ± 10.9	<0.001 ^a
Male sex	n (%)	157 (60.6)	125 (53.9)	0.144
Aetiology of kidney failure				
- Diabetes	n (%)	141 (55.3)	28 (12.1)	
- Glomerulonephritis	n (%)	53 (20.8)	166 (71.6)	
- Hypertension	n (%)	39 (15.3)	54 (23.3)	
- Polycystic kidney disease	n (%)	7 (2.7)	9 (3.9)	
- Others	n (%)	15 (5.9)	14 (6.0)	
Duration on dialysis or transplant, years	mean ± SD	4.52 ± 4.77	12.4 ± 9.37	<0.001 ^a
Charlson Comorbidity Index	mean ± SD	7.21 ± 2.43	3.75 ± 1.51	<0.001 ^a
Fully vaccinated (≥2 doses)	n (%)	221 (85.3)	39 (94.8)	<0.001 ^a
Fully vaccinated with booster	n (%)	105 (40.5)	181 (78.0)	<0.001 ^a
SARS-CoV-2 IgG antibody level <500 BAU/mL	n (%)	65 (32.7)	125 (53.9)	<0.001 ^a
At presentation				
Symptomatic infection	n (%)	202 (78.0)	226 (97.4)	<0.001 ^a
Haemoglobin (g/dL)	mean ± SD	10.6 ± 1.70	13.5 ± 15.4	0.005 ^a
White cell count (x10 ⁹ /L)	mean ± SD	6.96 ± 3.03	6.63 ± 2.23	0.167
Platelet count (x10 ⁹ /L)	mean ± SD	194 ± 4.56	210 ± 67.1	0.008 ^a
C-reactive protein (mg/L)	mean ± SD	39.8 ± 3.02	21.0 ± 32.2	<0.001 ^a
Albumin (g/L)	mean ± SD	34.3 ± 4.92	37.8 ± 6.28	<0.001 ^a
Consolidation on X-ray	n (%)	56 (24.5)	25 (10.8)	<0.001 ^a
Treatment				
Monoclonal antibody	n (%)	34 (13.1)	118 (50.9)	<0.001 ^a
Remdesivir	n (%)	157 (60.6)	109 (47.0)	0.003 ^a
Dexamethasone	n (%)	45 (17.4)	11 (4.7)	<0.001 ^a
Tocilizumab	n (%)	1 (0.4)	2 (0.9)	0.605
Outcomes				OR (95% CI), P value
Mortality - all	n (%)	13/259 (5.0)	1/232 (0.4)	0.082 (0.011–0.631), 0.002 ^a
- delta (n=117)	n (%)	6/91 (6.6)	0/26 (0)	0.248 (0.014–4.55), 0.034
- omicron (n=374)	n (%)	7/168 (4.2)	1/206 (0.5)	0.112 (0.014–0.921), 0.025 ^a
Ventilation - all	n (%)	12/259 (4.6)	3/232 (1.3)	0.271 (0.075–0.972), 0.037 ^a
- delta (n=117)	n (%)	4/91 (4.4)	2/26 (7.7)	1.813 (0.313–10.5), 0.613
- omicron (n=374)	n (%)	8/168 (4.8)	1/206 (0.5)	0.098 (0.012–0.788), 0.013 ^a
Oxygen requirement	n (%)	56 (21.6)	11 (4.7)	5.54 (2.83–10.9), <0.001 ^a
4C score	mean ± SD	9.56 ± 2.60	4.95 ± 3.01	P<0.001 ^a

CI: confidence interval; OR: odds ratio; SD: standard deviation

^a Statistically significant variables.