

Supplementary Table 1. Comparison of surgical outcomes according to the urological complication risk

Variable	Low-risk group (n=21)	High-risk group (n=21)	P-value
DJ stent insertion	6 (28.6)	11 (52.4)	0.116
Operative time (min)	366.9±75.1	400.7±69.1	0.137
Cold ischemic time (min)	53.5±17.3	114.3±106.2	0.017
Warm ischemic time (min)	56.9±12.7	58.1±18.4	0.801
Delayed graft function	1 (4.8)	3 (14.3)	0.293
Biopsy proven acute rejection	2 (9.5)	7 (33.3)	0.060
Acute cellular rejection	2 (9.5)	3 (14.3)	0.634
Acute antibody mediated rejection	0	4 (19.0)	0.035
6-Month GFR (mL/min/1.73 m ²)	72.2±22.0	65.3±19.7	0.368
Duration of Foley catheter (day)	9.1±2.2	13.1±7.0	0.020
Time to postoperative UTI (day)	151.0	67.4±64.2	-
Urologic complication	2 (9.5)	2 (9.5)	1.000
Bacteriuria within 1 year	2 (9.5)	6 (28.6)	0.116
Symptomatic UTI	1 (4.8)	5 (23.8)	0.078
Simple cystitis	0	3 (14.3)	0.072
Complicated UTI	1 (4.8)	2 (9.5)	0.549
BK viremia	2 (9.5)	2 (9.5)	1.000

Values are presented as number (%) or mean±standard deviation. High-risk group included deceased donor kidney transplant, dialysis duration >60 months, ABO incompatible, positive lymphocyte cross match, and positive donor specific antigen.

DJ, double-J; GFR, glomerular filtration rate; UTI, urinary tract infection.

Supplementary Table 2. Comparison of surgical outcomes according to the ureteral stent insertion in low-risk group

Variable	No-DJ (n=15)	DJ (n=6)	P-value
Operative time (min)	350.3±64.2	408.3±90.3	0.194
Cold ischemic time (min)	51.7±15.9	58.0±21.2	0.529
Warm ischemic time (min)	1.7±8.8	69.8±12.2	0.012
Delayed graft function	1 (6.7)	0	0.517
Biopsy proven acute rejection	2 (13.3)	0	0.347
Acute cellular rejection	2 (13.3)	0	0.347
Acute antibody mediated rejection	0	0	-
6-Month GFR (mL/min/1.73 m ²)	71.7±22.6	78.9	-
Duration of Foley catheter (day)	8.7±2.2	10.0±2.2	0.240
Time to postoperative UTI (day)	151	-	-
Urologic complication	2 (13.3)	0	0.347
Bacteriuria within 1 year	1 (6.7)	1 (6.7)	0.481
Symptomatic UTI	1 (6.7)	0	0.517
Simple cystitis	0	0	-
Complicated UTI	1 (6.7)	0	0.517
BK viremia	2 (13.3)	0	0.347

Values are presented as mean±standard deviation or number (%). High-risk group included deceased donor kidney transplant, dialysis duration >60 months, ABO incompatible, positive lymphocyte cross match, positive donor specific antigen.

DJ, double-J; GFR, glomerular filtration rate; UTI, urinary tract infection.

Supplementary Table 3. Comparison of surgical outcomes according to the ureteral stent insertion in high-risk group

Variable	No-DJ (n=10)	DJ (n=11)	P-value
Operative time (min)	388.5±72.2	411.8±67.6	0.456
Cold ischemic time (min)	141.5±91.0	89.6±117.0	0.269
Warm ischemic time (min)	50.4±16.4	65.2±17.9	0.063
Delayed graft function	2 (20.0)	1 (9.1)	0.476
Biopsy proven acute rejection	2 (20.0)	5 (45.5)	0.217
Acute cellular rejection	1 (10.0)	2 (18.2)	0.593
Acute antibody mediated rejection	1 (10.0)	3 (27.3)	0.314
6-Month GFR (mL/min/1.73 m ²)	63.1±22.4	69.9±13.6	0.478
Duration of Foley catheter (day)	11.2±4.8	14.7±8.4	0.248
Time to postoperative UTI (day)	90.0±79.4	33.5±7.8	0.343
Urologic complication	2 (20.0)	0	0.119
Bacteriuria within 1 yr	3 (30.0)	3 (27.3)	0.890
Symptomatic UTI	3 (30.0)	2 (18.2)	0.525
Simple cystitis	2 (20.0)	1 (9.1)	0.476
Complicated UTI	1 (10.0)	1 (9.1)	0.943
BK viremia	2 (20.0)	0	0.119

Values are presented as mean±standard deviation or number (%). High-risk group included deceased donor kidney transplant, dialysis duration >60 months, ABO incompatible, positive lymphocyte cross match, positive donor specific antigen.

DJ, double-J; GFR, glomerular filtration rate; UTI, urinary tract infection.