

Supplementary Information

Incidence of malignancy and related mortality after kidney transplantation: A nationwide, population-based cohort study in Korea

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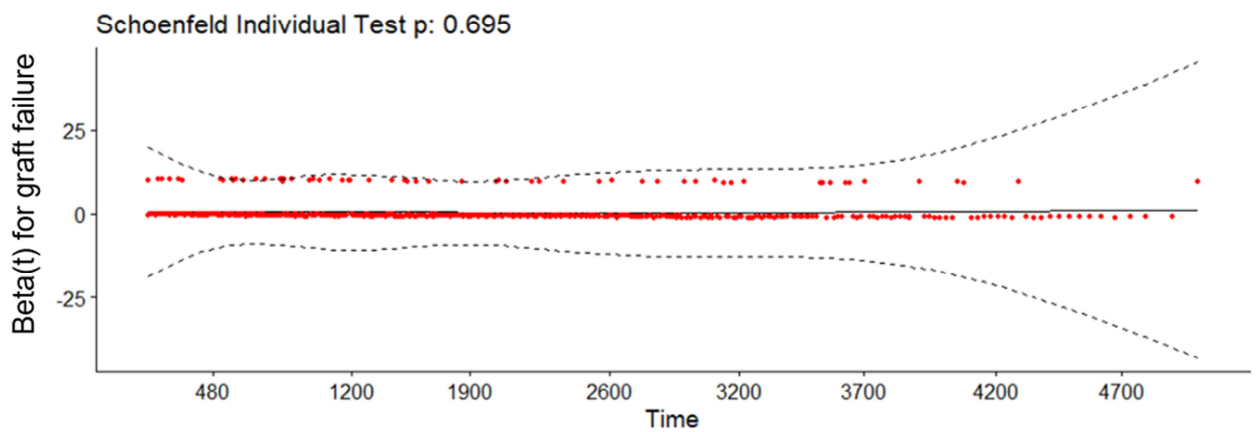
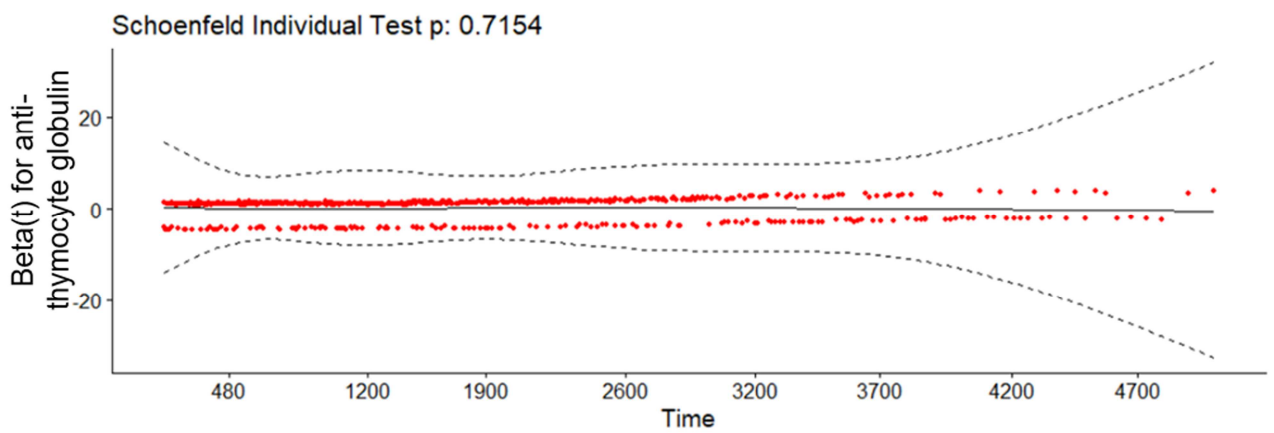
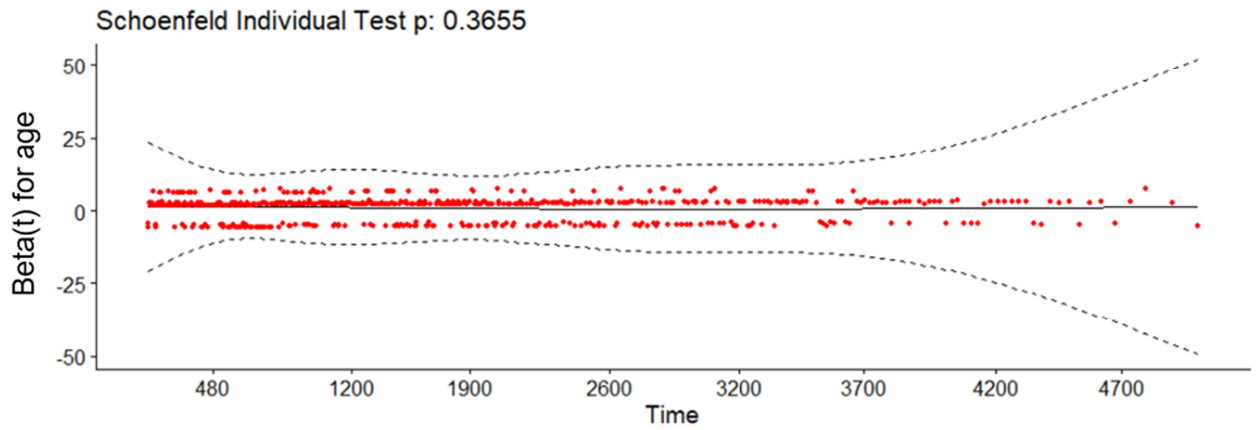
Supplemental table and figure legends

Supplementary Figure S1. Plots of scaled Schoenfeld residuals test for proportional hazards assumption.

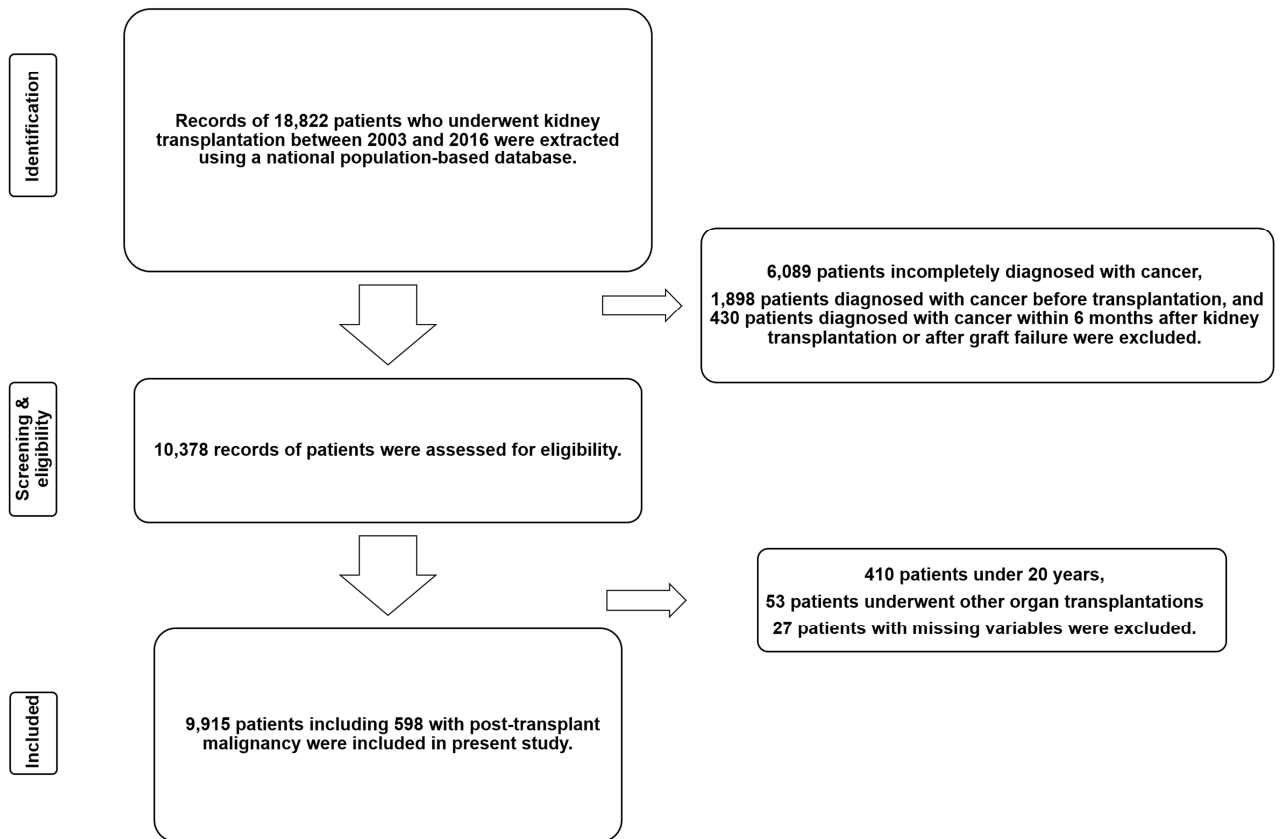
Supplementary Figure S2. Flow chart of patient selection.

Supplementary Table S1. Standardised incidence ratios of total, and the major types of post-transplant malignancies according to the age classes.

Supplementary Figure S1.



Supplementary Figure S2.



Type of cancer	Observed rates of cancer cases			Expected rates of cancer cases			Standardised incidence ratio (95% CI)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total cancer									
<40	643.1	962.8	769.1	26.7	69.9	47.9	24.0 (22.2-26.0)	13.8 (12.9-14.7)	16.1 (14.9-17.2)
40-59	1242.7	1303.7	1267.7	431.9	496.3	463.2	2.9 (2.7-3.0)	2.6 (2.5-2.8)	2.7 (2.6-2.9)
> 59	1797.4	1400.6	1644.4	2237.8	950.9	1413.8	0.8 (0.8-0.8)	1.5 (1.4-1.6)	1.2 (1.1-1.2)
Thyroid cancer									
<40	66.0	240.7	134.9	7.6	34.7	20.8	8.7 (6.7-11.0)	6.9 (6.1-7.9)	6.5 (5.4-7.7)
40-59	102.6	246.0	161.4	30.8	159.4	94.6	3.3 (2.7-4.0)	1.5 (1.4-1.7)	1.7 (1.4-2.0)
> 59	159.8	382.0	245.4	19.4	63.9	44.0	8.2 (7.0-9.6)	6.0 (5.4-6.6)	5.6 (4.9-6.3)
Colorectal cancer									
<40	74.2	139.4	99.9	2.8	2.3	2.5	26.6 (20.8-33.2)	61.4 (51.5-72.4)	40.0 (32.4-48.4)
40-59	125.4	155.8	137.9	68.9	42.4	55.7	1.8 (1.5-2.2)	3.7 (3.1-4.3)	2.5 (2.1-2.9)
> 59	119.8	191.0	147.3	316.5	163.5	220.5	0.4 (0.3-0.5)	1.2 (1.0-1.3)	0.7 (0.6-0.8)
Kidney cancer									
<40	115.4	88.7	104.9	1.2	0.7	0.9	95.1 (78.2-113.7)	132.4 (106.1-162.7)	110.8 (90.3-133.7)
40-59	159.6	90.2	131.1	14.9	5.7	10.3	10.7 (9.1-12.5)	15.8 (12.7-19.4)	12.7 (10.6-15.1)
> 59	159.8	0.0	98.2	41.9	15.1	25.1	3.8 (3.2-4.4)	0.0	3.9 (3.2-4.8)

Supplementary Table S1. Standardised incidence ratios of total, and major types of post-transplant malignancies according to the age classes.

CI, confidence interval.