

Appendix

Table S1. Association between cause-specific hospitalization and decline in ADLs

	BADLs		IADLs	
	Adjusted RR ^a	95% CI	Adjusted RR ^a	95% CI
Infection				
No Hospitalization	ref		ref	
No infection-related hospitalization	1.82	1.36 to 2.44	1.35	1.06 to 1.71
Infection-related hospitalization	3.09	1.46 to 6.56	2.16	1.12 to 4.16
Cardiovascular disease				
No Hospitalization	ref		ref	
No CVD-related hospitalization	1.58	1.15 to 2.16	1.29	1.02 to 1.62
CVD-related hospitalization	2.79	1.95 to 3.99	1.69	1.19 to 2.39
Vascular access				
No Hospitalization	ref		ref	
No vascular access-related hospitalization	1.89	1.37 to 2.61	1.42	1.10 to 1.83
Vascular access-related hospitalization	1.87	1.15 to 3.02	1.28	0.86 to 1.92

BADL, basic activities of daily living; IADL, instrumental activities of daily living; RR, risk ratio; CI, confidence interval; ref, reference; CVD, cardiovascular disease

^aAdjusted for age, sex, dialysis vintage, body mass index (< 18.5, ≥ 18.5 to < 25, ≥ 25), functional status score, comorbidities (diabetes, cerebrovascular diseases, coronary heart disease, other cardiovascular diseases, congestive heart disease, cancer other than skin cancer, neurologic disease, peripheral vascular disease, dementia, and psychiatric disorder), albumin, phosphorus, creatinine and single-pool Kt/V.

Table S2. Association between hospitalization and decline in ADLs by dialysis vintage group

	BADLs		IADLs	
	Vintage < 5 years n = 387	Vintage ≥ 5 years n = 462	Vintage < 5 years n = 387	Vintage ≥ 5 years n = 462
	Adjusted RR ^a [95% CI]			
Cumulative length of hospital stay (per day)	1.011 [1.001 to 1.022]	1.013 [0.999 to 1.028]	1.012 [1.003 to 1.021]	1.011 [0.999 to 1.021]
	P for interaction ^b = 0.81		P for interaction ^b = 0.98	
	BADLs		IADLs	
	Vintage < 5 years n = 387	Vintage ≥ 5 years n = 462	Vintage < 5 years n = 387	Vintage ≥ 5 years n = 462
Number of hospitalizations				
0	ref	ref	ref	ref
1	2.05 [1.31 to 3.22]	1.58 [0.91 to 2.75]	1.16 [0.79 to 1.72]	1.65 [1.15 to 2.36]
≥2	2.71 [1.60 to 4.59]	1.92 [1.04 to 3.55]	1.41 [0.91 to 2.19]	1.36 [0.76 to 2.45]
	P for interaction ^c = 0.60		P for interaction ^c = 0.41	

BADL, basic activities of daily living; IADL, instrumental activities of daily living; RR, risk ratio; CI, confidence interval; ref, reference.

^aAdjusted for age, sex, body mass index (<18.5, ≥18.5 to <25, ≥25), functional status score, comorbidities (diabetes, cerebrovascular diseases, coronary heart disease, other cardiovascular diseases, congestive heart disease, cancer other than skin cancer, neurologic disease, peripheral vascular disease, dementia, and psychiatric disorder), albumin, phosphorus, creatinine and single-pool Kt/V.

^bTest the statistical significance of product terms of cumulative length of hospitalization and dialysis vintage group by a Wald test.

^cTest the statistical significance of product terms of number of hospitalizations and dialysis vintage group by a Wald test.