

Online supplementary material

Returning to Dialysis After Kidney Allograft Failure: The Experience of the Italian Registry of Paediatric Chronic Dialysis

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Supplementary Table 1. Hazard ratio with 95% confidence intervals for the risk of switching modality and transplantation estimated by multivariable Fine and Gray model (N=104).

	Switching dialysis modality		Transplantation	
	HR	95% confidence interval	HR	95% confidence interval
Dialysis post-transplant				
HD	1.00	ref	1.00	ref
PD	2.20	0.38;12.54	0.59	0.26;1.34
Gender				
Male	1.00	ref	1.00	ref
Female	1.87	0.42;8.25	1.43	0.73;2.80
Primary kidney disease				
CAKUT	1.00	ref	1.00	ref
Glomerulonephritis	2.27	0.49;10.39	0.97	0.50;1.89
HUS / Ischemic	-	-	1.76	0.35;8.85
Miscellaneous	2.35	0.31;17.84	1.55	0.66;3.65
Dialysis pre-transplant				
HD	1.00	ref	1.00	ref
PD	2.19	0.29;16.51	1.03	0.48;2.24
Dialysis cycle				
2	1.00	ref	1.00	ref
3+	0.96	0.14;6.56	1.25	0.55;2.84
Comorbidity				
No	1.00	ref	1.00	ref
Yes	0.47	0.06;3.54	1.32	0.57;3.07
Pre-transplant dialysis duration (months)				
Unit increase	1.01	0.99;1.03	0.98	0.96;1.00
Age at dialysis post-transplant				
Unit increase	0.95	0.82;1.11	0.98	0.91;1.05
Calendar year at dialysis post-transplant				
Unit increase	1.01	0.92 ;1.11	1.01	0.96 ;1.05

Supplementary table 2. Frequencies of patients with dialysis-related complications in pre- and post-transplant period according to dialysis modality.

Type of complication	PD		HD	
	Pre-transplant course (n=74)	Post-transplant course (n=41)	Pre-transplant course (n=44)	Post-transplant course (n=77)
Peritonitis or dialysis access-related infection	8 (47%)	9 (45%)	3 (75%)	2 (14.4%)
Malfunctioning of dialysis access (mechanical)	1 (5.9%)	1 (5%)	-	5 (35.7%)
Inadequate dialysis efficiency	2 (11.8%)	8 (40%)	-	-
Hypertension/fluid overload	3 (17.6%)	2 (10%)	1 (25%)	5 (35.7%)
Hypotension	2 (11.8%)	-	-	1 (7.1%)
Other	1 (5.9%)	-	-	-
Unknown	-	-	-	1 (7.1%)