

SUPPLEMENTAL MATERIAL

Table S1. Yearly predicted eGFR decline adjusted for RAASi , age, sex and furosemide use with 12 month follow-up

Period	Group	Median	Interquartile range	p-value*
Pre match	AVF	-4.74	-6.85, -3.04	0.13
	PD	-6.35	-8.07, -3.35	
Post match	AVF	-3.22	-4.92, -1.43	<0.001
	PD	-5.28	-6.95, -3.84	

eGFR, estimated glomerular filtration rate; RAASi, renin angiotensin system inhibitors; AVF, arteriovenous fistula; PD, peritoneal dialysis.

Table S2. Comparison of yearly decline using crude eGFR, unadjusted mixed model predicted eGFR and adjusted mixed model predicted eGFR, with a 24 months follow-up

24 months - Crude eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-4.09	-7.7, -1.75	0.70
	PD	-3.97	-8,15, -0.97	
Post	AVF	-2.48	-4.65, -1.21	0.01
	PD	-3.94	-6.79, -1.72	
24 months – Unadjusted mixed model predicted eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-4.57	-7.44, -2.76	0.21
	PD	-5.98	-7.98, -3.19	
Post	AVF	-3.04	-4.46, -1.87	<0.001
	PD	-5.26	-6.80, -3.34	
24 months – Adjusted mixed model predicted eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-5.03	-7.58, -2.81	0.07
	PD	-6.89	-8.39, -2.62	
Post	AVF	-3.32	-4.71, -2.24	<0.001
	PD	-5.41	-6.99, -3.53	

AVF, arteriovenous fistula; PD, peritoneal dialysis; eGFR, estimated glomerular filtration rate

Table S3. Comparison of yearly decline using crude eGFR, unadjusted mixed model predicted eGFR and adjusted mixed model predicted eGFR, with all 72 marched pairs

24 months - Crude eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-2.70	-6.12, -0.44	0.84
	PD	-3.36	-7.12, 0.00	
Post	AVF	-2.16	-4.19, -0.55	0.005
	PD	-3.58	-6.067, -1.35	
24 months – Unadjusted mixed model predicted eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-3.56	-4.95, -1.90	0.02
	PD	-5.15	-7.26, -2.61	
Post	AVF	-3.01	-4.59, -1.93	<0.001
	PD	-4.54	-5.27, -3.45	
24 months – Adjusted mixed model predicted eGFR				
Period	Group	Median	Interquartile range	p-value
Pre	AVF	-4.27	-6.09, -2.86	0.01
	PD	-5.80	-7.69, -3.13	
Post	AVF	-2.86	-4.63, -1.11	<0.001
	PD	-5.19	-6.67, -3.97	

AVF, arteriovenous fistula; PD, peritoneal dialysis; eGFR, estimated glomerular filtration rate

Figure S1. Study Flow Chart

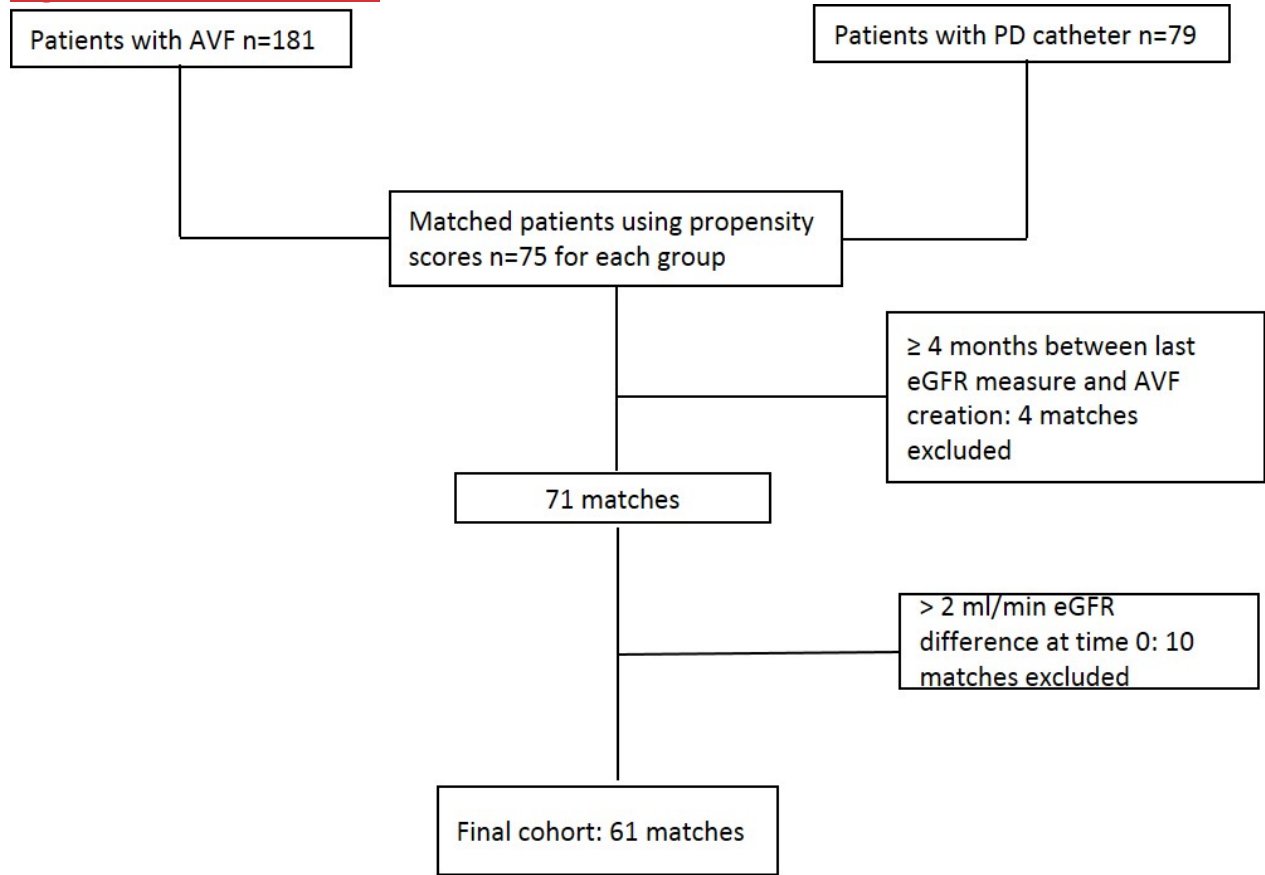
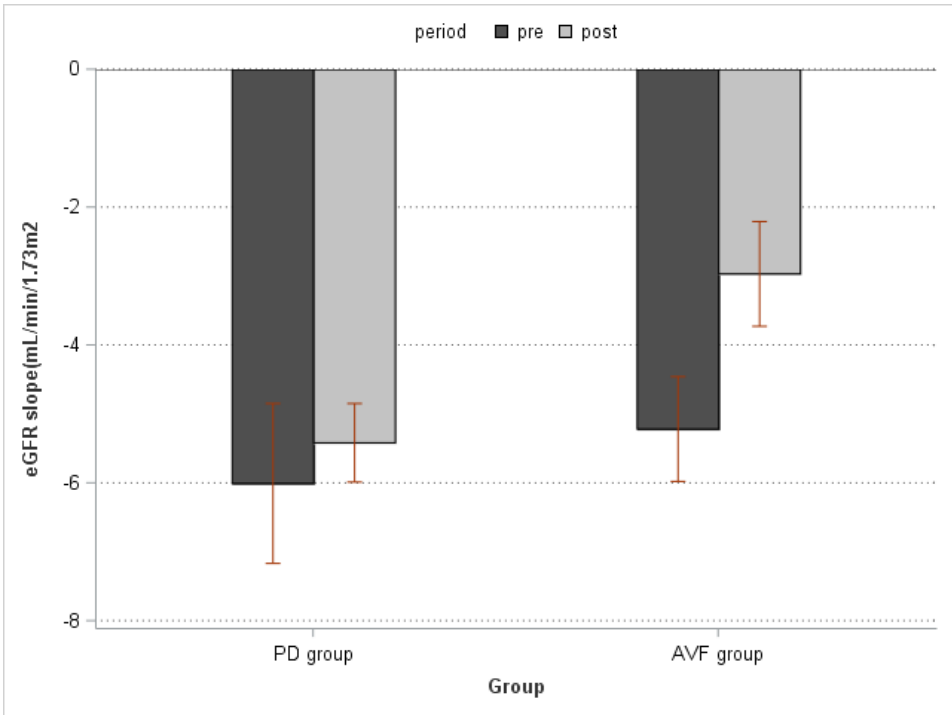
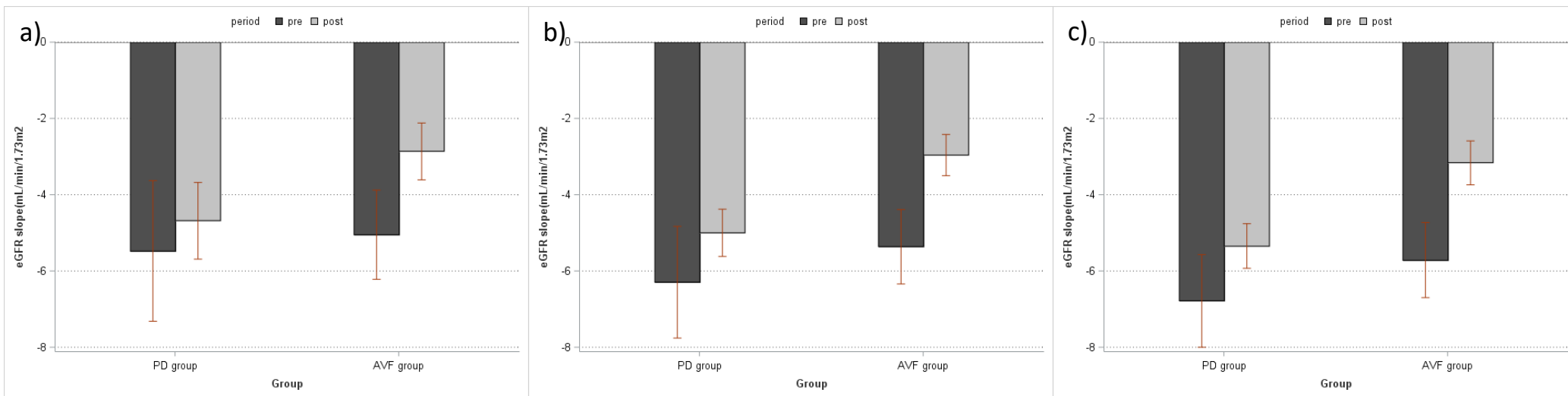


Figure S21. Yearly predicted eGFR decline in PD and AVF groups, adjusted for RAASi, age, sex and furosemide use with 12-month follow-up.



eGFR, estimated glomerular filtration rate; PD, peritoneal dialysis; AVF, arteriovenous fistula.

Figure S32. Comparison of yearly decline using (a) crude eGFR, (b) unadjusted mixed model predicted eGFR and (c) adjusted mixed model predicted eGFR, with a 24-month follow-up



eGFR, estimated glomerular filtration rate; PD, peritoneal dialysis; AVF, arteriovenous fistula.

