Table S1. Multivariable Associations of log_2 NT-proBNP with clinical parameters in 658 kidney transplant recipients

	NT-proBNP (ng/L)	
Clinical parameter	Std. β	P
Dialysis vintage before transplantation, (yrs.)	0.33	**<0.001**
Hemodialysis, n (%)	0.19	**<0.001**
Cold ischemic time, (hrs.)	0.19	**0.001**
Living donor, n (%)	0.18	**0.003**
BSA, (m^2)	-0.15	**<0.001**
Recipient age, (yrs.)	0.13	**<0.001**
History of cardiovascular disease, n (%)	0.10	**0.004**
Diabetic nephropathy, n (%)	0.09	**0.008**
CMV seropositivity recipient	0.07	**0.05**

Data are presented as standardized beta coefficient (β) with corresponding P-value. Bold letters indicate a P-value < 0.05. Abbreviations: BMI, body mass index; CIT, cold ischemic time; CMV, cytomegalovirus; DGF, delayed graft function. $R^2 = 0.30$.

Table S2. Associations of continuous standardized Log_2 NT-proBNP (ng/L) and standardized square root dialysis vintage (yrs.) with cardiovascular mortality in 658 stable kidney transplant recipients

	Log_2 NT-proBNP in Z-score	**Square root dialysis vintage in Z-score**
Model	**HR (95% CI)**	**HR (95% CI)**
1	1.86 (1.48 – 2.32)****	1.30 (1.02 – 1.65)*
2	1.64 (1.31 – 2.05)****	1.25 (0.95 – 1.64)
3	1.68 (1.33 – 2.14)****	1.34 (1.02 – 1.75)*
4	1.60 (1.25 – 2.05)****	1.27 (0.94 – 1.71)
5	1.44 (1.11 – 1.88)**	1.08 (0.79 – 1.48)
6	1.44 (1.10 – 1.88)**	0.93 (0.74 – 1.40)

Data are presented as HR, hazard ratio; 95% CI, confidence interval; NT-proBNP, N-terminal pro-B-Type Natriuretic Peptide; Z-score, standardized score; P-value is shown as: * ≤0.05, ** ≤ 0.01, *** 0.001, **** <0.001 .

Model 1 = Crude standardized values of log_2 NT-proBNP / square root of dialysis days.
Model 2 = as model 1 and additionally adjusted for age and sex.
Model 3 = as model 2 and additionally adjusted for pretransplant serum creatinine, history of CVD and CVA, diastolic blood pressure, diabetic nephropathy, and BSA. Model 4 = as model 3 and additionally adjusted for cold ischemic time, living donor, delayed graft function, and CMV status of recipient.
Model 5 = as model 4 and additionally adjusted for dialysis modality (hemodialysis).
Model 6 = as model 5 and additionally adjusted for crude standardized values of log_2 NT-proBNP / square root of dialysis year

Table S3. Associations of continuous NT-proBNP (ng/l) and dialysis vintage (yrs), and NT-proBNP in tertiles with all-cause mortality in 626 stable kidney transplant recipients, 32 preemptive transplantations excluded

	Log_2 NT-proBNP in Z-score	**Square root dialysis vintage in Z-score**	**NT-proBNP I**	**NT-proBNP II**	**NT-proBNP III**
Model	**HR (95% CI)**	**HR (95% CI)**	662 (417 – 913)	2181 (1688 – 2890)	8579 (5488 – 24 337)
1	1.63 (1.45 – 1.84)****	1.25 (1.11 – 1.41)****	1.0 (ref)	1.90 (1.35 – 2.68)****	2.84 (2.04 – 3.97)****
2	1.47 (1.30 – 1.66)****	1.25 (1.10 – 1.43)***	1.0 (ref)	1.64 (1.16 – 2.32)***	2.45 (1.75 – 3.42)****
3	1.42 (1.24 – 1.61)****	1.30 (1.13 – 1.48)****	1.0 (ref)	1.64 (1.16 – 2.33)***	2.25 (1.59 – 3.18)****
4	1.39 (1.22 – 1.59)****	1.26 (1.09 – 1.45)***	1.0 (ref)	1.60 (1.12 – 2.27)***	2.16 (1.52 – 3.07)****
5	1.34 (1.16 – 1.53)****	1.20 (1.04 – 1.39)*	1.0 (ref)	1.45 (1.01 – 2.08)*	1.92 (1.33 – 2.77)****
6	1.30 (1.13 – 1.50)****	1.13 (0.98 – 1.32)	1.0 (ref)	1.42 (0.99 – 2.03)	1.79 (1.23 – 2.60)***

Data are presented as HR, hazard ratio; 95% CI, confidence interval; NT-proBNP, N-terminal pro-B-Type Natriuretic Peptide; Z-score, standardized score; dialysis vintage in days. P-value is shown as: * ≤0.05, ** ≤ 0.01, *** 0.001, **** <0.001 .

Model 1 = Crude standardized values of log_2 NT-proBNP / square root of dialysis days.
Model 2 = as model 1 and additionally adjusted for age and sex.
Model 3 = as model 2 and additionally adjusted for pretransplant serum creatinine, history of CVD and CVA, diastolic blood pressure, diabetic nephropathy, and BSA. Model 4 = as model 3 and additionally adjusted for cold ischemic time, living donor, delayed graft function, and CMV status of recipient.
Model 5 = as model 4 and additionally adjusted for dialysis modality (hemodialysis).
Model 6 = as model 5 and additionally adjusted for crude standardized values of log_2 NT-proBNP / square root of dialysis days.