

**Supplementary Appendix:**

**Rising B-type Natriuretic Peptide in chronic kidney disease III-IV, dialysis and kidney transplant patients differs between groups and predicts mortality**

**Table S1.** Variables with a significant association with log-transformed NT-BNP-76 in all patients together, that differed between groups in **Table 1** (CKD, dialysis and KTR).

<b>Variable</b>	<b>Beta-coefficient (95% confidence interval)</b>	<b>P</b>
<b>Age (per year)</b>	0.05 (0.03 to 0.06)	<0.001
<b>Hemoglobin (per 10g/dL)</b>	-0.05 (-0.06 to -0.04)	<0.001
<b>C Reactive Protein (per log unit)</b>	0.55 (0.41 to 0.68)	<0.001
<b>Albumin (per g/L)</b>	-0.26 (-0.30 to -0.22)	<0.001
<b>Systolic blood pressure (per mmHg)</b>	0.04 (0.03 – 0.04)	<0.001
<b>Body Mass Index (per kg/m<sup>2</sup>)</b>	-0.10 (-0.13 to – 0.06)	<0.001
<b>Diabetes</b>	0.15 (-0.33 to 0.63)	0.53
<b>Cardiovascular Disease</b>	1.38 (0.95 to 1.92)	<0.001
<b>Sex (male)</b>	-0.57 (-0.99 to -0.16)	0.007
<b>Troponin T<math>\geq</math>0.04ng/mL</b>	2.4 (2.0-2.8)	<0.001
<b>Renin-angiotensin system inhibition</b>	-0.77 (-1.17 to -0.38)	<0.001
<b>Antiplatelet agent</b>	1.0 (0.6 to 1.4)	<0.001

**Table S2.** Variables with a significant association with log-transformed BNP-32 in all patients together, that differed between groups in **Table 1** (CKD, dialysis and KTR).

<b>Variable</b>	<b>Beta-coefficient (95% confidence interval)</b>	<b>P</b>
<b>Age (per year)</b>	0.04 (0.03 to 0.05)	<0.001
<b>Hemoglobin (per 10g/dL)</b>	-0.03 (-0.04 to -0.02)	<0.001
<b>C Reactive Protein (per log unit)</b>	0.27 (0.18 to 0.35)	<0.001
<b>Albumin (per 10g/dL)</b>	-0.15 (-0.17 to -0.12)	<0.001
<b>Systolic blood pressure (per mmHg)</b>	0.02 (0.01 – 0.03)	<0.001
<b>Body Mass Index (per g/m<sup>2</sup>)</b>	-0.05 (-0.8 to – 0.03)	<0.001
<b>Diabetes</b>	0.39 (0.10 to 0.67)	0.007
<b>Cardiovascular Disease</b>	1.04 (0.78 to 1.29)	<0.001
<b>Sex (male)</b>	-0.40 (-0.65 to -0.15)	0.002
<b>Troponin T<math>\geq</math>0.04ng/mL</b>	1.27 (1.02 to 1.51)	<0.001
<b>Renin-angiotensin system inhibition</b>	-0.32 (-0.56 to -0.08)	<0.001
<b>Beta-blocker</b>	0.39 (0.15 to 0.63)	0.002
<b>Antiplatelet agent</b>	0.76 (0.51 to 1.00)	<0.001

**Table S3.** Values for tertiles of change in BNP. The “+” or “-“ sign indicates direction of change.

	<b>Tertile 1</b>	<b>Tertile 2</b>	<b>Tertile 3</b>
<b>NT-BNP-76</b>			
CKD III-IV	≤ +144pg/mL	+145pg/mL to +3,065pg/mL	≥ +3,066pg/mL
Dialysis	≤ +3,566pg/mL	+ 3,567pg/mL to +27,448pg/mL	≥ +27,449pg/mL
KTR	≤ -46pg/mL	-45pg/mL to +57pg/mL	≥ +58pg/mL
<b>BNP-32</b>			
CKD III-IV	≤ -35pg/mL	-34pg/mL to +15pg/mL	≥ +16pg/mL
Dialysis	≤ -21pg/mL	-20pg/mL to +132pg/mL	≥ +133pg/mL
KTR	≤ -11pg/mL	-10pg/mL to +10pg/mL	≥ +11pg/mL