

Supplemental table 1.

Patients divided into 4 quartiles according to percentage change in NTproBNP pmol/l (%NTproBNP). Measurements taken at 1st assessment. Peritoneal dialysis adequacy. 24 hour total peritoneal dialysate effluent net ultrafiltrate (24hr PD UF), peritoneal dialysis equilibrium test net 4 hour ultrafiltrate (PET UF). Total weekly Kt/V and total litres of creatinine cleared per 1.73m² (L creat/wk) and peritoneal dialysis equilibrium test 4 hour ratio of dialysate to serum creatinine (D4/Pcr). Percentage of patients prescribed blood pressure medications (% BP meds) or diuretics (% diuretics), and number of different blood pressure medications prescribed (No BP meds). Intracellular water volume (ICW), extracellular water volume (ECW), total body water (TBW). Systolic blood pressure (SBP), diastolic blood pressure (DBP), left ventricular ejection fraction (ejection %), left ventricular mass index (LVMI). Values expressed as mean \pm SD, or median (interquartile range)*p<0.05, ** p<0.01, and *** p<0.001 vs highest quartile

variable	lowest	Low-mid	High-mid	highest
%NTproBNP	-51(-62to-41)	-12(-21to-2)	56 (33-83)	230(138-612)
Age yr	63 (51-74)	64 (52-71)	59 (48-69)	56 (38-66)
Male %	45	39	61	54
DM %	10	8	4	8
Vintage mo	19 (7-47)	28 (9-39)	16 (7-41)	19 (3-43)
Weight kg	69.9 \pm 16.5	66.6 \pm 12.8	68.7 \pm 15.1	67.3 \pm 15.7
SBP mmHg	143.8 \pm 24.6	140.7 \pm 24.6	140.5 \pm 21.6	133.5 \pm 22.7
DBP mmHg	84.2 \pm 16.9	79.3 \pm 14.9	82.7 \pm 10.9	78.9 \pm 12.5
Albumin g/l	37.6 \pm 4.2	38.3 \pm 4.3	39.1 \pm 3.7	39.3 \pm 4.2
CRP g/l	2 (1-9)	2 (0.5-6)	2(1-4)	2(1-5)
Urine ml/24h	1014(520-1655)	1310(562-1619)	1315(577-1742)	1287(875-1702)
Weekly Kt/V	2.4(2.1-2.9)	2.3(1.9-2.9)	2.3(2.0-2.9)	2.43(2.0-2.9)
L creat/wk	77 (67-104)	71 (61-105)	79 (66-105)	79 (67-104)
24 hr UF ml	586(231-899)	442(191-862)	472(225-931)	337(144-840)
D4/Pcr	0.69 \pm 0.21	0.66 \pm 0.19	0.69 \pm 0.14	0.68 \pm 0.21
PET UF ml	200 (100-300)	200(125-300)	200(100-400)	200(100-400)
% BP meds	64.4	60	63	52.3
% diuretics	71.1	86.7	80.4	86.3
No BP meds	1(0-2)	1 (0-2)	1 (0-2)	1 (0-21)
Ejection %	58.7 \pm 1.1	54.9 \pm 1.9	58.4 \pm 1.1	56.9 \pm 2.4
LVMI g/m ²	68.4 \pm 3.5	67.4 \pm 5.3	69.8 \pm 6.5	70.3 \pm 3.4

Supplemental Table 2. Patients divided into 4 quartiles according to percentage change in NTproBNP pmol/l (%(NTproBNP). Measurements taken at 2nd assessment. Peritoneal dialysis adequacy. 24 hour total peritoneal dialysate effluent net ultrafiltrate (24hr PD UF), peritoneal dialysis equilibrium test net 4 hour ultrafiltrate (PET UF). Total weekly Kt/V and total litres of creatinine cleared per 1.73m² (L creat/wk) and peritoneal dialysis equilibrium test 4 hour ratio of dialysate to serum creatinine (D4/Pcr). Percentage of patients prescribed blood pressure medications (% BP meds) or diuretics (% diuretics), and number of different blood pressure medications prescribed (No BP meds). Intracellular water volume (ICW), extracellular water volume (ECW), total body water (TBW). Systolic blood pressure (SBP), diastolic blood pressure (DBP), left ventricular ejection fraction (ejection %), left ventricular mass index (LVMI). Values expressed as mean \pm SD, or median (interquartile range) *p<0.05, ** p<0.01, and *** p<0.001 vs highest quartile.

variable	lowest	Low-mid	High-mid	highest
%NTproBNP	-51(-62to-41)	-12(-21to-2)	56 (33-83)	230(138-612)
Vintage mo	32(16-53)	37 (19-47)	26 (15-46)	32 (15-53)
Weight kg	71.4 \pm 17.1	68.6 \pm 17.2	68.6 \pm 15.4	68.2 \pm 15.5
SBP mmHg	137 \pm 18.7	131 \pm 30.9	144.5 \pm 23	142.7 \pm 28.8
DBP mmHg	80.1 \pm 11.3	77.3 \pm 17.1	82.9 \pm 14.4	81.4 \pm 16.4
Albumin g/l	38.9 \pm 3.9	39.4 \pm 3.4	38.9 \pm 3.4	37.7 \pm 4.4
CRP g/l	3 (1-7)	1 (0.5-5)	2(0.5-5)	2(0.5-6)
Urine ml/24h	884(253-1347)	1088(555-1536)	1235(520-1523)	962(358-1504)
Weekly Kt/V	2.2(1.9-2.6)	2.2(1.9-2.7)	2.3(2.0-2.9)	2.11(1.9-2.5)
L creat/wk	69 (58-88)	76 (59-96)	78 (63-97)	68 (57-79)
24 hr UF ml	463(265-794)	487(182-861)	575(404-1107)	566(290-866)
D4/Pcr	0.69 \pm 0.21	0.66 \pm 0.19	0.65 \pm 0.2	0.66 \pm 0.19
PET UF ml	200 (100-300)	200(100-400)	200(100-400)	200(100-400)
% BP meds	64.4	60	63	52.3
% diuretics	71.1	86.7	80.4	86.3
No BP meds	1(0-2)	1 (0-2)	1 (0-2)	1 (0-21)
Ejection %	55.7 \pm 2.4	55.8 \pm 1.8	59.7 \pm 0.9	55.4 \pm 1.8
LVMI g/m ²	78.6 \pm 11.2	69.8 \pm 8.2	67.4 \pm 5.3	62.3 \pm 5.5

Supplemental table 3

Segmental bioimpedance measurements on 1st and 2nd assessment. Extracellular water (ECW), total body water (TBW)

Segmental ECW/TBW	1 st assessment	2 nd assessment
R arm	0.3796 ±0.0008	0.3792 ±0.0006
L arm	0.3794 ±0.0006	0.3792 ±0.0005
Trunk	0.3925 ±0.001	0.3922 ±0.0009
R leg	0.3936 ±0.0009	0.3934 ±0.0009
L leg	0.3765 ±0.001	0.3960 ±0.0009