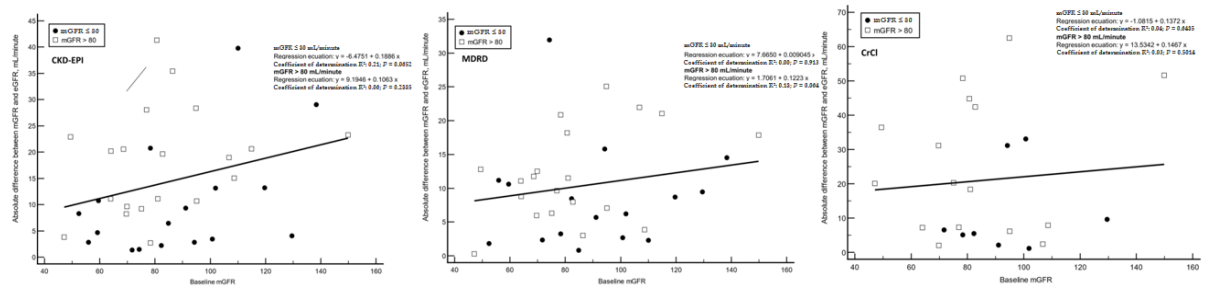


Supplementary Figure 1 Relationship between measured glomerular filtration rate and creatinine and cystatin-c serum levels. A: Creatinine; B: Serum levels. MGFR: Measured glomerular filtration rate.



Supplementary Figure 2 Relationship between measured and estimated glomerular filtration rates month-6 changes ranked according to renal function. Correlation between measured month-6 glomerular filtration rates (GFR) changes versus baseline and corresponding changes estimated by chronic kidney disease epidemiology collaboration; modification of diet in renal disease; and creatinine clearance formulas in patients with baseline measured GFR (mGFR) \leq 80 mL/minute and mGFR $>$ 80 mL/minute considered separately (dark circles and empty squares, respectively). Dark circles represent the patients with a baseline mGFR \leq 80 mL/minute. The empty squares represent the patients with a baseline mGFR $>$ 80 mL/minute.

Supplementary Table 1 Overview of the baseline blood and urine analysis data from the study sample

Variable	N = 37
Hemoglobin (g/Dl)	
Mean \pm SD	14.0 \pm 1.2

Median (IqR)	13.7 (13.2-14.9)
Hematocrit	
Mean \pm SD	40.9 \pm 5.7
Median (IqR)	41.0 (39.5-44.5)
Leucocytes, 10 ³	
Mean \pm SD	11.6 \pm 15.8
Median (IqR)	6.8 (6.1-8.3)
Thrombocytes, 10 ³	
Mean \pm SD	226.0 \pm 50.1
Median (IqR)	224.0 (191.5-252.8)
Glucose (mg/mL)	
Mean \pm SD	86.0 \pm 8.4
Median (IqR)	87.0 (78.8-91.3)
Total cholesterol (mg/mL)	
Mean \pm SD	219.6 \pm 231.4
Median (IqR)	187.0 (160.8-204.5)
Low density lipoproteins cholesterol (mg/mL)	
Mean \pm SD	108.2 \pm 28.0
Median (IqR)	115.0 (86.5-131.5)
High density lipoproteins cholesterol (mg/mL)	
Mean \pm SD	56.2 \pm 15.4
Median (IqR)	55.0 (48.8-62.0)
Triglycerides (mg/mL)	
Mean \pm SD	118.4 \pm 78.5
Median (IqR)	94.0 (75.0-135.3)
Uric acid (mg/mL)	
Mean \pm SD	4.9 \pm 1.4
Median (IqR)	4.9 (3.8-5.8)
Bilirubin (mg/dL)	
Mean \pm SD	0.94 \pm 1.85
Median (IqR)	0.50 (0.30-0.55)

Alkaline phosphatase (IU/L)	
Mean ± SD	62.0 ± 19.3
Median (IqR)	56.0 (49.0-70.0)
Alanine transaminase (U/L)	
Mean ± SD	17.8 ± 15.0
Median (IqR)	15.0 (11.0-19.3)
Aspartate aminotransferase (U/L)	
Mean ± SD	21.2±13.9
Median (IqR)	19.0 (17.0 to 22.3)
Gamma-glutamyl transferase (U/L)	
Mean ± SD	19.1 ± 14.0
Median (IqR)	14.0 (10.8-21.5)
Lactate dehydrogenase (UI/L)	
Mean ± SD	180.9 ± 28.9
Median (IqR)	176.0 (161.0-199.3)
Serum creatinine (mg/dL)	
Mean ± SD	1.06 ± 0.26
Median (IqR)	1.06 (0.86-1.28)
Cystatin-C (mg/L) ¹	
Mean ± SD	1.08 ± 0.28
Median (IqR)	1.00 (0.88-1.23)
Albuminuria (g/L) ²	
Mean ± SD	90.0 ± 210.5
Median (IqR)	19.0 (9.7-81.8)
Proteinuria (mg/dL)	
Mean ± SD	173.3 ± 148.7
Median (IqR)	185.0 (28.0-270.0)
Ratio albumin/creatinine ³	
Mean ± SD	15.4 ± 15.4
Median (IqR)	10.9 (5.6-20.1)

¹Data available in 15 patients.

²Data available in 24 patients.

³Data available in 13 patients.

IqR: Interquartile range.

Supplementary Table 2 A comparison between baseline and month-6 blood and urine analysis data from the study sample

Variable	<i>n</i>	Baseline ²	Month-6 ²	Mean difference ³	<i>P</i> ¹
Hemoglobin (g/dL)	23	14.1 ± 1.2	14.0 ± 0.95	-0.08 (-0.39 to 0.22)	0.5261
Hematocrit	23	41.2 ± 6.8	41.6 ± 3.1	0.31 (-2.4 to 3.0)	0.1996
Leucocytes, 10 ³	23	12.0 ± 18.1	10.8 ± 17.7	-1.2 (-12.2 to 9.9)	0.1975
Thrombocytes, 10 ³	23	224.6 ± 50.6	245.2 ± 59.6	20.6 (6.9-34.4)	0.0054
Glucose (mg/mL)	24	86.3 ± 7.3	88.1 ± 10.5	1.8 (-3.3 to 6.9)	0.7942
Total cholesterol (mg/mL)	24	240.7 ± 286.5	184.0 ± 28.0	-56.7 (-178.5 to 65.1)	0.9636
Low density lipoproteins cholesterol (mg/mL)	20	101.4 ± 27.8	103.9 ± 28.4	2.5 (-9.1 to 14.1)	0.2665
High density lipoproteins cholesterol (mg/mL)	24	58.2 ± 17.2	59.7 ± 19.3	1.5 (-7.2 to 10.2)	0.6379
Triglycerides (mg/mL)	24	103.8 ± 48.8	111.0 ± 43.8	7.2 (-14.1 to 28.7)	0.3384
Uric acid (mg/mL)	23	4.8 ± 1.4	5.0 ± 1.5	0.16 (-0.16 to 0.48)	0.0908
Bilirubin (mg/dL)	23	1.29 ± 2.25	1.01 ± 1.70	-0.28 (-1.02 to 0.48)	0.3937
Alkaline phosphatase (IU/L)	24	62.4 ± 20.4	62.7 ± 21.1	0.4 (-7.5 to 8.2)	0.2135
Alanine transaminase (U/L)	24	19.0 ± 18.1	15.5 ± 6.6	-3.5 (-11.4 to 4.3)	0.7332
Aspartate aminotransferase (U/L)	24	22.4 ± 17.0	19.8 ± 4.6	-2.6 (-10.3 to 5.1)	0.2772
Gamma-glutamyl transferase (U/L)	24	19.4 ± 14.8	17.7 ± 13.1	-1.7 (-3.8 to 0.37)	0.1042
Lactate dehydrogenase (UI/L)	24	176.9 ± 24.3	179.2 ± 26.2	2.3 (-8.4 to 13.0)	0.2085
Serum creatinine (mg/dL)	37	1.06 ± 0.26	1.07 ± 0.29	0.01 (-0.03 to 0.05)	0.4597
Cystatin-C (mg/L)	13	1.12 ± 0.27	1.22 ± 0.31	0.10 (0.04-0.18)	0.0067
Albuminuria (g/L)	7	25.8 ± 14.4	14.5 ± 14.4	-11.3 (-42.0 to 19.4)	0.3454
Ratio albumin/creatinine	6	10.0 ± 9.0	11.1 ± 1.1	1.1 (-12.4 to 14.7)	1.0000

¹Wilcoxon test.

²Mean \pm Standard deviation

³Mean difference (95%CI).

The "*n*" refers to the number of subjects with these determinations at both measurement points.