Supplementary Files

Red Blood Cell Distribution Width is Associated with Deterioration of Renal Function and Cardiovascular Morbidity and Mortality in Patients with Diabetic Kidney Disease

Stefanos Roumeliotis 1,*, Aikaterini Stamou 2, Athanasios Roumeliotis 1, Marios Theodoridis 3, Konstantinos Leivaditis 1, Stylianos Panagoutsos 3 and Vassilios Liakopoulos 1

Supplementary Tables

Table S1. Multiple regression analysis (stepwise forward) in 142 type 2 diabetes patients with cIMT as the dependent variable, adjusting for HD.

|        | β   | SE  | p   | CI        |
|--------|-----|-----|-----|-----------|
| Model 1 (unadjusted) |     |     |     |           |
| Age    | 0.008 | 0.03 | 0.006 | 0.002–0.013 |
| Model 2 (adjusted)a |     |     |     |           |
| Age    | 0.008 | 0.03 | 0.003 | 0.003–0.014 |
| RDW    | 0.029 | 0.013 | 0.029 | 0.003–0.054 |
| BMI    | 0.010 | 0.005 | 0.031 | 0.001–0.054 |

aAdjusted for age, sex, diastolic/systolic blood pressure, Body Mass Index, duration of type 2 diabetes mellitus, triglycerides, total cholesterol, Glycated Hemoglobin A1c, C-Reactive Protein, Estimated Glomerular Filtration Rate, Urinary Albumin-Creatinine Ratio, Red Blood Cell Distribution Width. SE, Standard Error; CI, Confidence Interval.

Table S2. Multiple regression analysis (stepwise forward) in 142 type 2 diabetes patients with RDW as the dependent variable, adjusting for HD.

|        | β   | SE  | p   | CI        |
|--------|-----|-----|-----|-----------|
| Model 1 (unadjusted) |     |     |     |           |
| Hb     | −0.46 | 0.10 | <0.001 | −0.67 to −0.26 |
| Model 2 (adjusted)a |     |     |     |           |
| Hb     | −0.40 | 0.10 | <0.001 | −0.60 to −0.19 |
| UPCR   | 0.27 | 0.10 | 0.011 | 0.06–0.47 |
| cIMT   | 1.54 | 0.64 | 0.019 | 0.26–2.82 |

aAdjusted for hemoglobin, urinary protein to creatinine ratio, carotid intima media thickness, diastolic blood pressure, duration of type 2 diabetes mellitus, Serum Albumin, C-Reactive Protein, Estimated Glomerular Filtration Rate. SE, Standard Error; CI, Confidence Interval.
Supplementary Figures

**Figure S1.** All-cause mortality in (A) Controls, (B) CKD stages 1-4 and (C) Hemodialysis.

**Figure S2.** Cardiovascular mortality in (A) Controls, (B) CKD stages 1-4 and (C) Hemodialysis.

**Figure S3.** Cardiovascular events in (A) Controls, (B) CKD stages 1-4 and (C) Hemodialysis.
Figure S4. Progression to ESRD in (A) Controls, (B) CKD stages 1-4 and (C) Hemodialysis.