

Table S1. Coronary computed tomography angiography results and calcification scores in 127 dialysis patients and 447 patients without chronic kidney disease.

	Dialysis (n=127)	Non-CKD (n=447)	P- value**
Interpretable scans* (%)	126 (99%)	437 (98%)	0.99
With CABG (%)	3 (2%)	47 (11%)	0.01
With coronary stent (%)	7 (6%)	208 (47%)	<0.001
Without any lesions (%)	29 (23%)	50 (11%)	<0.01
CAC score	149 (0 – 748)	105 (3 – 324)	0.04
With coronary stenosis (%)			
• ≥50%	40 (31%)	157 (35%)	0.45
• ≥70%	10 (8%)	79 (18%)	0.01
<i>Per patient</i>			
Number of coronary segments	14.0 ±1.4	14.0 ±1.3	0.78
Total number of lesions	11.7 ±8.7	10.3 ±8.6	0.10
• Number of non-calcified lesions	0.4 ±1.0	2.5 ±3.7	<0.001
• Number of partially calcified lesions	5.3 ±5.2	5.2 ±5.0	0.97
• Number of calcified lesions	4.6 ±5.6	4.0 ±4.2	0.83

Results are presented as mean ±standard deviation or number (percentage). Abbreviations: Non-

CKD: non-chronic kidney disease at risk for cardiovascular disease; CABG: coronary artery bypass grafting.

* In one patient CT angiography could not be interpreted reliably (see text).

** Significance tested with Chi-squared tests for proportions and Mann-Whitney-U tests for number of lesions.

Table S2. Relationship of coronary artery calcification score with $\geq 50\%$ coronary artery stenosis on coronary computed tomography angiography, and interaction of dialysis with this relationship in 127 dialysis patients and 447 patients without chronic kidney disease.

	Odds ratio (95% CI)	P-value
Odds ratio of $\geq 50\%$ stenosis per 100 unit higher CAC score (unadjusted)		
• ESKD	1.14 (1.08–1.21)	<0.001
• Non-CKD	1.32 (1.22–1.44)	<0.001
• Interaction term for ESKD compared with non-CKD	0.86 (0.78–0.95)	<0.01
Odds ratio of $\geq 50\%$ stenosis per 100 unit higher CAC score (adjusted*)		
• ESKD	1.15 (1.07–1.25)	0.001
• Non-CKD	1.29 (1.19–1.42)	<0.001
• Interaction term for ESKD	0.89 (0.79–1.00)	0.05

*Adjusted for age, sex, body mass index, current smoking, presence of diabetes mellitus, C-reactive protein and total cholesterol.

Table S3. Relationship of coronary artery calcification score with $\geq 70\%$ coronary artery stenosis on coronary computed tomography angiography, and interaction of end-stage kidney disease with this relationship in 127 patients with end-stage kidney disease and 447 without chronic kidney disease.

	Odds ratio (95% CI)	P-value
Odds ratio of $\geq 70\%$ stenosis per 100 unit higher CAC score (unadjusted)		
• ESKD	1.03 (0.98–1.06)	0.15
• Non-CKD	1.24 (1.13–1.35)	<0.001
• Interaction term for ESKD compared with non-CKD	0.83 (0.76–0.91)	<0.001
Odds ratio of $\geq 70\%$ stenosis per 100 unit higher CAC score (adjusted*)		
• ESKD	1.06 (0.98–1.15)	0.13
• Non-CKD	1.22 (1.11–1.34)	<0.001
• Interaction term for ESKD	0.87 (0.77–0.98)	0.02

*Adjusted for age, sex, body mass index, current smoking, presence of diabetes mellitus, C-reactive protein and total cholesterol.

Abbreviations: CAC coronary artery calcification; ESKD end-stage kidney disease; Non-CKD non-chronic kidney disease.