SUPPLEMENTARY DATA

**Supplementary Table 1.**

| | **Calcified plaque score (circumference)** | | | | |
|---|---|---|---|---|---|
| | **0** | **1 (<10%)** | **2 (10-25%)** | **3 (25-50%)** | **4 (>50%)** |
| ***Segment 1*** | | | | | |
| Left carotid artery (n) | 36 (81.8%) | 7 (15.9%) | 1 (2.3%) | 0 | 0 |
| Right carotid artery (n) | 33 (75%) | 10 (22.7%) | 1 (2.3%) | 0 | 0 |
| ***Segment 2*** | | | | | |
| Ascending aorta (n) | 41 (93.2%) | 1 (2.3%) | 2 (4.6%) | 0 | 0 |
| Aortic arch (n) | 24 (54.5%) | 13 (29.5%) | 7 (15.9%) | 0 | 0 |
| ***Segment 3*** | | | | | |
| Descending aorta (n) | 28 (63.6%) | 9 (20.5%) | 6 (13.6%) | 1 (2.3%) | 0 |
| Abdominal aorta (n) | 13 (29.5%) | 4 (9.1%) | 8 (18.2%) | 12 (27.3%) | 7 (15.9%) |
| ***Segment 4*** | | | | | |
| Left iliac artery (n) | 17 (38.6%) | 10 (22.7%) | 9 (20.5%) | 6 (13.6%) | 2 (4.5%) |
| Right iliac artery (n) | 16 (36.4%) | 7 (15.9%) | 7 (15.9%) | 13 (29.5%) | 1 (2.3%) |
| Left femoral artery (n) | 24 (54.5%) | 14 (31.8%) | 6 (13.6%) | 0 | 0 |
| Right femoral artery (n) | 28 (63.6%) | 10 (27.7%) | 5 (11.4%) | 1 (2.3%) | 0 |

Values are n (percentage of arteries). The numbers do not add up to the total study population but to the total assessed arterial sites (n=440).

SUPPLEMENTARY DATA

## Supplementary Table 2

| ***Dependent:*** $_{mean}$***TBR*** | **Model 5 ($R^2$ = 0.57. p <0.001)** | | | | **Model 6 ($R^2$ = 0.59. p =0.002)** | | | |
|---|---|---|---|---|---|---|---|---|
| | **B** | **SE** | **St. β** | **P Value** | **B** | **SE** | **St. β** | **P Value** |
| **Pulse Wave Velocity** | .064 | .027 | .328 | .024 | .059 | .028 | .301 | .046 |
| **central SBP** | .005 | .002 | .258 | .050 | .005 | .002 | .263 | .051 |
| **Age** | .003 | .005 | .105 | .482 | .004 | .005 | .128 | .437 |
| **Gender** | .014 | .072 | .025 | .853 | -.005 | .075 | -.009 | .951 |
| **BMI** | .009 | .008 | .186 | .246 | .013 | .009 | .251 | .181 |
| **$HbA_{1c}$** | .180 | .092 | .267 | .059 | .175 | .096 | .260 | .080 |
| **Hs-CRP*** | -.049 | .040 | -.183 | .235 | -.057 | .042 | -.217 | .178 |
| **Triglycerides** | .062 | .053 | .180 | .253 | .060 | .056 | .177 | .287 |
| **HDL cholesterol** | -.061 | .117 | -.074 | .603 | -.048 | .122 | -.057 | .700 |
| **Statin use** | | | | | .077 | .073 | .144 | .304 |
| **Antihypertensive use** | | | | | -.009 | .075 | -.017 | .902 |

Multiple linear regression analyses with the stepwise addition of several covariates to evaluate the association of pulse wave velocity and subclinical vascular inflammation ($_{mean}$TBR).

B = Coefficient β. SE = Standard Error. st. β = Standardized Coefficient β.***=** logarithmic transformation.