

SUPPLEMENT:

Supplemental Table1: Prevalence of Peripheral Artery Disease and Carotid Artery Disease in Men and Women by Risk Factors

| | Percent (95% CI) | | | | Total |
|------------|-------------------------|------------------------------|------------------------|----------------------------|---------------------|
| | No Prior CHD | | Prior CHD | | |
| | Diabetes (n=324,680) | No diabetes (n=2,950,224) | Diabetes (n=51,848) | No diabetes (n=191,052) | |
| PAD | | | | | |
| Men | 5.84 (5.7, 5.98) | 2.72 (2.69, 2.76) | 13.43 (13.02,13.84) | 7.8 (7.63,7.97) | 3.71 (3.68,3.75) |
| Women | 8.49 (8.36,8.62) | 4.29 (4.26,4.32) | 18.17 (17.62,18.72) | 10.93 (10.71,11.16) | 5.03 (5,5.06) |
| CAS | | | | | |
| Men | 6.21 (6.07,6.35) | 3.27 (3.23,3.31) | 13.23 (12.84,13.62) | 9.12 (8.94,9.29) | 4.31 (4.27,4.35) |
| Women | 5.71 (5.61,5.82) | 2.88 (2.86,2.9) | 14.01 (13.53,14.49) | 8.55 (8.36,8.75) | 3.44 (3.42,3.46) |

Supplemental Table2: Number of Participants with CAS in each Risk Factor Profile

| Risk Factors (RF) | Number of Participants |
|------------------------------|-------------------------------|
| No diabetes No CHD | 2,950,224 |
| Diabetes 0 RF | 3,784 |
| Diabetes 1-2 RF | 71,182 |
| Diabetes 3-4 RF | 129,511 |
| Diabetes ≥5 RF | 48,178 |
| No diabetes Prior CHD | 191,052 |
| Diabetes Prior CHD | 51,848 |

Supplemental Table3: Number of Participants with PAD in each Risk Factor Profile

| Risk Factors (RF) | Number of Participants |
|------------------------------|-------------------------------|
| No diabetes No CHD | 2,950,224 |
| Diabetes 0 RF | 3,990 |
| Diabetes 1-2 RF | 76,415 |
| Diabetes 3-4 RF | 134,619 |
| Diabetes ≥5 RF | 42,707 |
| No diabetes Prior CHD | 191,052 |
| Diabetes Prior CHD | 51,848 |

Supplemental Table4. Prevalence of Peripheral Arterial Disease or Carotid Artery Stenosis in Relation to Diabetes Mellitus, Risk Factors (RF) and Coronary Heart Disease (CHD)

| | Percent 95% CI | | | | | |
|------------|-----------------------|------------------------|------------------------|-----------------------|--------------------|--------------------|
| | No Prior CHD | | | Prior CHD | | |
| | No Diabetes | Diabetes 1-2 RF | Diabetes 3-4 RF | Diabetes ≥5 RF | No Diabetes | Diabetes |
| PAD | 3.78(3.76,3.81) | 4.28(4.13,4.44) | 7.29(7.14,7.44) | 12(11.7,12.3)) | 9.21(9.07,9.34) | 15.49(15.16,15.82) |
| CAS | 3.02(3,3.04) | 3.7(3.57,3.84) | 6.21(6.08,6.34) | 8.75(8.48,9.02) | 8.88(8.75,9.01) | 13.57(13.27,13.88) |

| | Peripheral arterial disease Odds Ratio (95% CI) | Carotid artery stenosis Odds Ratio (95% CI) |
|---|--|--|
| No DM ^a , No CHD ^b | Ref | Ref |
| DM and HTN ^c + Severe Obesity ^d + HLD ^e + Sedentary ^f | 2.56 (2.41-2.71) | 1.03 (0.94-1.13) |
| No DM, No CHD | Ref | Ref |
| DM and Current Smoking + FH ^g | 1.77 (1.68-1.86) | 1.45 (1.37-1.54) |
| No DM, No CHD | Ref | Ref |
| DM and Current Smoking + FH + HTN | 1.90 (1.79-2.01) | 1.59 (1.49-1.70) |
| No DM, No CHD | Ref | Ref |
| DM and Current Smoking + FH + HLD | 1.81 (1.71-1.91) | 1.55 (1.45-1.66) |
| No DM, No CHD | Ref | Ref |
| DM and Current Smoking + FH + HTD + HLD | 1.94 (1.81-2.06) | 1.67 (1.55-1.80) |
| No DM, No CHD | Ref | Ref |
| DM and Former Smoking + FH | 1.312 (1.24-1.39) | 1.38 (1.30-1.47) |
| No DM, No CHD | Ref | Ref |
| DM and Former Smoking + FH + HTN | 1.42 (1.33-1.59) | 1.54 (1.44-1.65) |
| No DM, No CHD | Ref | Ref |
| DM and Former Smoking + FH + HLD | 1.34 (1.26-1.43) | 1.50 (1.41-1.61) |
| No DM, No CHD | Ref | Ref |
| DM and Former Smoking + FH + HLD + HTN | 1.45 (1.35-1.55) | 1.65 (1.54-1.78) |

Supplemental Table5. Adjusted Odds of PAD/CAS in Diabetic Patients without CHD by Risk Factor Profile

^aDM: Diabetes Mellitus defined as self-reported physician diagnosis or use of glucose lowering agents

^b**CHD**: Coronary Heart Disease defined as prior myocardial infarction or prior coronary revascularization (coronary artery bypass, angioplasty, or percutaneous coronary intervention)

^c**HTN**: Hypertension defined as self-reported physician diagnosis or medication use

^d**Severe Obesity**: BMI > 40 kg/m²

^e**HLD**: High cholesterol defined as self-reported physician diagnosis or medication use

^f**Sedentary**: did not report vigorous exercise in their leisure time at least once per week

^g**FH**: Family history of cardiovascular disease (CVD) defined as self-reported first-degree relative with history of heart attack, stroke or procedure or surgery to increased blood flow to the legs prior to the age .

