

WEB TABLES

Web Table 1 - Characteristics of Participants by Clinic Site, Cardiovascular Health Study, 1996-1997

Among all individuals with measured levels of PIIINP

| | Forsyth County, North Carolina | | Sacramento County, California ^a | | Washington County, Maryland ^a | | Pittsburgh, Pennsylvania | |
|--------------------------|--------------------------------|----|--|----|--|----|--------------------------|----|
| | N = 700 | | N = 765 | | N = 560 | | N = 701 | |
| | Mean (SD) | % | Mean (SD) | % | Mean (SD) | % | Mean (SD) | % |
| Age | 77.5 (4.7) | | 77.9 (5.0) | | 78.2 (4.7) | | 77.9 (4.5) | |
| Male | | 37 | | 39 | | 35 | | 39 |
| BMI (kg/m ²) | 26.7 (4.6) | | 27.0 (4.6) | | 27.3 (4.9) | | 27.0 (4.5) | |
| SBP (mmHg) | 136 (20) | | 140 (20) | | 137 (21) | | 134 (20) | |
| PIIINP (μg/L) | 5.0 (1.8) | | 4.8 (1.7) | | 4.5 (1.7) | | 4.8 (1.7) | |

Abbreviations: BMI=body-mass index, PIIINP=procollagen type III N-terminal propeptide, SBP=systolic blood pressure, SD=standard deviation

^a Transforming growth factor-β was not measured at these sites

Web Table 2 – Hazard Ratios for Cause-Specific Mortality per Doubling of TGF- β and PIIINP +/-Adjustment for Additional Variables, Cardiovascular Health Study, 1996-2010 ^a

| | TGF- β | | | PIIINP | | |
|----------------|---------------------|-------------------------------|----------------------------------|---------------------|-------------------------------|----------------------------------|
| | N (deaths/total) | With Adjustment HR (CI) | Without Adjustment HR (CI) | N (deaths/total) | With Adjustment HR (CI) | Without Adjustment HR (CI) |
| NT-proBNP | 798/1,236 | 1.11 (1.02, 1.20) | 1.12 (1.03, 1.21) | 1,514/2,348 | 1.11 (0.99, 1.25) | 1.11 (0.99, 1.25) |
| TNT | 798/1,236 | 1.12 (1.03, 1.21) | 1.12 (1.03, 1.21) | 1,514/2,348 | 1.10 (0.98, 1.24) | 1.11 (0.99, 1.25) |
| 2-hour glucose | 662/1,054 | 1.11 (1.02, 1.21) | 1.11 (1.02, 1.21) | 1,235/1,995 | 1.11 (0.97, 1.27) | 1.11 (0.97, 1.28) |
| ACR | 849/1,285 | 1.10 (1.02, 1.19) | 1.10 (1.02, 1.18) | 1,598/2,388 | 1.11 (0.99, 1.25) | 1.12 (1.00, 1.26) |
| MMSE | 946/1,443 | 1.10 (1.02, 1.18) | 1.09 (1.01, 1.17) | 1,789/2,726 | 1.12 (1.00, 1.24) | 1.14 (1.03, 1.27) |

Abbreviations: ACR=urine albumin/creatinine ratio, CI=95% confidence interval, HR=hazard ratio,

MMSE=mini mental status exam score, NT-proBNP=N-terminal pro-brain natriuretic peptide,

PIIINP=procollagen type III N-terminal propeptide, TGF- β = transforming growth factor- β , TNT=troponin-T

^a Adjusted for age, race, gender, clinic, body-mass index, smoking status, pack years, exercise, alcohol use, marital status, systolic blood pressure, fasting glucose, total cholesterol, C-reactive protein, oral hypoglycemic agents, insulin, statins, hypertension medications, estimated glomerular filtration rate, and depressive symptoms score, +/- additional variable

Web Table 3 – Mutually-adjusted hazard ratios for Total Mortality per Doubling of TGF- β and PIIINP, Cardiovascular Health Study, 1996-2010

| | N (deaths/total) | TGF- β | | | PIIINP | | |
|----------------------|---------------------|--------------|-------|----------|--------|-------|----------|
| | | HR | CI | <i>P</i> | HR | CI | <i>P</i> |
| Model 1 ^a | 917/1,339 | 1.13 | 1.06, | <0.001 | 1.18 | 1.11, | <0.001 |
| | | | 1.21 | | | 1.25 | |
| Model 2 ^b | 917/1,339 | 1.11 | 1.03, | 0.004 | 1.17 | 1.10, | <0.001 |
| | | | 1.19 | | | 1.24 | |
| Model 3 ^c | 917/1,339 | 1.10 | 1.03, | 0.007 | 1.13 | 1.06, | <0.001 |
| | | | 1.18 | | | 1.21 | |

HR=hazard ratio, CI=95% confidence interval, PIIINP=procollagen type III N-terminal propeptide, TGF- β =transforming growth factor- β

^a Adjusted for age, gender, race, and clinic

^b Adjusted for age, race, gender, clinic, body-mass index, smoking status, pack years, exercise, alcohol use, marital status, systolic blood pressure, fasting glucose, total cholesterol, C-reactive protein, oral hypoglycemic agents, insulin, statins, and hypertension medications

^c Adjusted for age, race, gender, clinic, body-mass index, smoking status, pack years, exercise, alcohol use, marital status, systolic blood pressure, fasting glucose, total cholesterol, C-reactive protein, oral hypoglycemic agents, insulin, statins, hypertension medications, estimated glomerular filtration rate, and depressive symptoms score