

## **Supplemental Results**

**Supplemental Table 1.** Differences between calcifications at baseline and two year follow-up (per artery)

	<b>ECAC</b> <b>n=156</b>	<b>ICAC</b> <b>n=140</b>
<b>Change in calcification volume (n (%))</b>		
Increase	72 (46.2%)	63 (45.0%)
Stable	31 (19.8%)	42 (30.0%)
Decrease	53 (34.0%)	35 (25.0%)
<b>Absolute differences (mm<sup>3</sup>)</b>		
All arteries	1.0 [-29.3;30.8]	0.7 [-2.3;12.9]
Increase	23.0 [3.9;40.1]	12.9 [7.2;27.5]
Decrease	-36.4 [-78.4;-10.0]	-32.8 [-88.7;-11.5]

Increase and decrease of calcification volumes are defined as an increase or decrease of  $\geq 10\%$  compared to the baseline calcification volume. Patients with stabilizing calcification volumes either had calcification volumes of 0 at baseline and follow-up, or had  $< 10\%$  increase or decrease of calcification volume compared to baseline.

**Supplemental Table 2.** Change in atherosclerotic plaque calcification for both carotid arteries per patient.

	<b>ECAC</b> <b>n=78</b>	<b>ICAC</b> <b>n=70</b>
Increase	34 (43.6%)	31 (44.3%)
Stable	6 (7.7%)	10 (14.3%)
Decrease	15 (19.2%)	12 (17.1%)

Values represent n(%).