

Supplementary Material

1. Measurement of Covariates in participants in the general health screening examination

Information on lifestyle-related factors was obtained using the self-administered questionnaires at enrollment. Smoking status was categorized as current or other. Alcohol consumption was categorized into yes, and no. For physical activity, regular exercise was defined to be at least 30 minutes of moderate physical activity for ≥ 5 days weekly or at least 20 minutes of strenuous physical activity ≥ 2 days weekly, and categorized as yes or no.

The anthropometric and clinical characteristics were assessed by trained personnel during the health screening examination. Body mass index was calculated by weight in kilograms divided by the square of height in meters (kg/m^2).

2. Measurement of comorbid conditions

Comorbidities of participants were identified based on laboratory measures, claims, and prescription information prior to the index date as follows: hypertension (ICD-10 codes [I10.x-I13.x and I15.x], or being on antihypertensive medication or having blood pressure $\geq 140/90$ mmHg), diabetes mellitus (ICD-10 codes [E11.x-E14.x] with antidiabetic medications, or a fasting glucose level ≥ 126 mg/dL), dyslipidemia (ICD-10 code E78.x with lipid-lowering medication, or total cholesterol level ≥ 240 mg/dL).