Appendix

Methods

When possible, data on systolic blood pressure, diastolic blood pressure, diagnosis of hypertension, treatment of hypertension, diagnosis of diabetes, fasting glucose levels, creatinine levels, total cholesterol level, low-density lipoprotein cholesterol levels, and triglyceride levels were obtained. BSA was calculated using the Mosteller formula. Body mass index was calculated by dividing the weight in kilograms by the height in meters squared.

Echocardiographic Measurements

Transthoracic echocardiographic measurements were performed for each of the studies as per available published guidelines. Values for the following measurements were provided from the following 2D transthoracic echocardiographic views: LV end-diastolic diameter and LV end-systolic diameter from the parasternal long-axis view; LV EDV, LV ESV, and LV EF from the apical four- and two-chamber views; and LV EDV, LV ESV, LV stroke volume, and LV EF from the biplane view.

Statistical Analysis

All studied parameters were found to satisfy a normal distribution using the Kolmogorov-Smirnov test, and summary data for these variables are expressed as mean ± SD. Multivariate analysis was used to determine the dependence of the measured parameters on age, gender, and BSA. Simple univariate linear regression against age was then used to construct the presented nomograms normalized for BSA and divided by gender as mean and 95% confidence intervals. P values <.05 were considered significant.