



[The Framingham Heart Study:](#)

[Course](#) > [Unit 3: Logistic Regression](#) > [Evaluating Risk Factors to Save Lives](#) >

Quick Question

Audit Access Expires Aug. 12, 2019

You lose all access to this course, including your progress, on Aug. 12, 2019.

Quick Question

Quick Question

1/1 point (graded)

In Video 3, we built a logistic regression model and found that the following variables were significant (or almost significant) for predicting ten year risk of CHD: male, age, number of cigarettes per day, whether or not the patient previously had a stroke, whether or not the patient is currently hypertensive, total cholesterol level, systolic blood pressure, and blood glucose level. Which **one** of the following variables would be the most dramatically affected by a behavioral intervention? HINT: Think about how much control the patient has over each of the variables.

☐ Male

☐ Age

☒ Number of Cigarettes per day ✓

☐ Previously had a Stroke

☐ Hypertensive

☐ Total Cholesterol Level

☐ Systolic Blood Pressure

☐ Blood Glucose Level

Submit

You have used 3 of 3 attempts

✓ Correct (1/1 point)