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QUICK QUESTION 5 (1/1 point)

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

EXPLANATION

The number of cigarettes smoked per day would be the most dramatically affected by a behavioral intervention. This is a variable that the patient has the ability to control the most.

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