

APPENDIX B

Advertisements and telephone interview script

[Metabolic Syndrome Study]: Web Site Announcement
www.epastudies.org

The purpose of this study is to determine if people exposed to ultra-fine particles normally present in outdoor air develop temporary changes in their blood vessels, heart, blood cells and blood proteins. To do this, the EPA will expose volunteers to Chapel Hill air that is collected and concentrated on the day of the study. Levels of pollution will not be higher than those in many major cities around the world.

Study participants will complete general medical screening and two specialized screening tests which include an ultrasound of an artery in the arm and a treadmill test. Study procedures include blood draws, breathing testing, exposures to concentrated and plain air, and moderate exercise on a bicycle. Participants will be asked to wear ECG leads during the study and a heart rate monitor over night. Total time commitment is about 25 hours, 7 visits, over a 5 or 6 week period.

This study is for people ages 35 to 55 with "metabolic syndrome". If your waist is a little too big or your triglycerides, cholesterol, blood sugar or blood pressure are a little too high, you may qualify. Individuals with diagnosed diabetes will not be eligible.

Telephone Interview Script

[Metabolic Syndrome Study]

Purpose:

The purpose of this research study is to determine if people exposed to ultra-fine particles normally present in outdoor air develop temporary changes in their blood vessels, heart, blood cells and blood proteins. To do this, the EPA will expose volunteers to Chapel Hill air that is collected and concentrated on the day of the study. The levels of pollution to which you will be exposed will not be higher than what you could be exposed to if you visited many major cities around the world.

Procedures:

Potential study participants will complete a pre-screening screening blood test and blood pressure check, fill out a medical history form, undergo a physical exam, and complete two specialized screening tests which include an ultrasound of an artery in your arm and a treadmill test. Study procedures will include blood draws, breathing testing, exposures to concentrated and plain air, and moderate exercise on a bicycle. You will also be asked to wear ECG leads during the study and a heart rate monitor over night.

Total time commitment is 3 screening visits and 4 study visits, about 25 hours, over a 5 or 6 week period. Exposure sessions are separated by 4 weeks. The study will be described more completely during the final screening visit, where you will complete the informed consent process, learn to perform the various tests, and tour the exposure chamber and test rooms.

Ages: 35 to 55

Pay: \$1095 (including screening)

N Needed: 30

Schedule:

Office visit (blood test, b/p check, medical history) and PE as available
Specialized screening: 3 hours, _____ (days) @ _____ (times)