INTRODUCTION
Hello, my name is [interviewer name], and I'm calling to speak with [participant name]. Is [participant name] available?

If no → When would it be convenient to call back? ____________________________Thank you. I will call again.

If yes → Hello, [participant name], this is [interviewer name] with the [MESA/MESA Air] Study. I'm calling to see how you have been since our last telephone interview with you and update our [MESA/MESA Air] records. Do you have a few minutes to speak on the phone?

If no → When would it be convenient to call back? ____________________________
Thank you. I will call again.

If Yes → We'd like to ask you some questions about your general health and specific medical conditions since our last telephone interview with you on ____________. I realize that we have asked you some of these questions several times, but learning about changes in your health is very important in helping us understand more about the causes of heart disease and stroke and how these diseases may be related to other things in your life.

Go to Question 1.

1. Would you say, in general, your health is (read all response categories except Unsure)
   - [ ] Excellent
   - [ ] Very Good
   - [ ] Good
   - [ ] Fair
   - [ ] Poor
   - [ ] Unsure

2. Since our last telephone interview with you on [date], have you had any of the following symptoms? (read each symptom)
   - Discomfort or pain in your chest
   - Shortness of breath
   - Pain in your legs

   Yes | No | Unsure
   --- | --- | ---
   [ ] | [ ] | [ ]
   [ ] | [ ] | [ ]
   [ ] | [ ] | [ ]

3. Since our last telephone interview with you, have you at any time seen a doctor or other health care professional? Optional:
   A 'health care professional' is a doctor, nurse, nurse practitioner, or other certified specialist working in a clinic, hospital, or ambulance. This person may also be a practitioner of non-Western medicine (e.g. An acupuncturist or Asian herbalist) but should not include chiropractors, exercise instructors, or diet coaches.
   (Circle answer)
   [ ] Yes
   [ ] No

Since our last telephone interview with you, have you had an overnight stay in a hospital or nursing home?
   (Circle answer)
   [ ] Yes
   [ ] No

   Did the participant answer 'Yes' to either part of Question 3 (seen a health professional or overnight stay)?
   [ ] Yes
   [ ] No
   [ ] Unsure

   Go to Question 4.

Skip to Question 8
4a. Has your doctor or health care professional told you that you had diabetes?
   - Unsure (Go to question 4b)
   - No (Go to question 4b)
   - Yes

If Yes to Diabetes:
   Is this a new diagnosis since our last telephone interview with you?
   - Unsure
   - No
   - Yes

Are you currently taking medicine for your diabetes?
   - Unsure (Go to question 4b)
   - No (Go to question 4b)
   - Yes

If Yes to medicine:
   What kind of medicine are you taking for your diabetes?
   - Pills
   - Insulin
   - Insulin and Pills
   - Other injection

   If Yes to insulin: At what age did you begin taking insulin?
   - Age
   - Unsure

4b. Has your doctor or health care professional told you that you had one of the following since our last telephone interview with you? (Read each diagnosis.)

   Yes | No | Unsure
   --- | --- | ----
   High Blood Pressure | | |
   If Yes: Was this a new diagnosis since our last contact with you? | | |

   High Cholesterol Level | | |
   If Yes: Was this a new diagnosis since our last contact with you? | | |

   If Yes to any item in Questions 4a or 4b → Go to Question 4c.
   If No or Unsure to all items in Questions 4a or 4b → Go to Question 4c.

4c. Did the doctor recommend any new or different treatments?
   - Yes
   - No
   - Unsure

   What treatments were recommended?
   (Do not prompt for specific responses. Mark all that apply.)
   - Start new medicine
   - Increase dose of existing medicine
   - Advice to lose weight
   - Advice to change diet (low fat, low salt, etc.)
   - Advice to stop smoking
   - Advice to increase exercise
   - Other, specify:
   - Unsure
5. Since our last telephone interview with you, has a doctor or health care professional told you that you had any of the following?

<table>
<thead>
<tr>
<th>Condition</th>
<th>Yes</th>
<th>No</th>
<th>Unsure</th>
</tr>
</thead>
<tbody>
<tr>
<td>A myocardial infarction or heart attack</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Angina pectoris or chest pain due to heart disease</td>
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<td>Heart failure or congestive heart failure</td>
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<tr>
<td>Peripheral vascular disease, intermittent claudication or pain in your legs</td>
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<tr>
<td>Atrial fibrillation</td>
<td></td>
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<tr>
<td>Deep vein thrombosis or blood clots in your legs</td>
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<tr>
<td>A transient ischemic attack (TIA) or mini-stroke</td>
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<td></td>
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<tr>
<td>A stroke</td>
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<tr>
<td>Blockage in the carotid artery</td>
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<tr>
<td>Lung abnormality or nodule</td>
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<td></td>
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<tr>
<td>Cancer</td>
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</tbody>
</table>

Complete "Specific Medical Conditions" form for each item with a Yes response.

6. Since our last telephone interview with you, have you had any other condition that resulted in an

<table>
<thead>
<tr>
<th>Condition</th>
<th>Yes</th>
<th>No</th>
<th>Unsure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overnight Hospital stay</td>
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<td></td>
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<tr>
<td>Overnight Stay at a nursing home or rehabilitation center</td>
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</tbody>
</table>

Complete "Other Admissions" form for each item with a Yes response.

7. Since our last telephone interview with you, have you had any of the following tests or procedures in or out of the hospital? (read each procedure):

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Yes</th>
<th>No</th>
<th>Unsure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stress Test (ETT, bicycle, chemical, etc.)</td>
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<td></td>
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<tr>
<td>Coronary angiography or heart catheterization</td>
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<tr>
<td>Echocardiogram</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>An angioplasty procedure to open up arteries to your heart</td>
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<tr>
<td>Coronary bypass surgery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>An angioplasty procedure to open up arteries in either of your legs</td>
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<tr>
<td>Carotid ultrasound or carotid angiogram</td>
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<tr>
<td>Chest x-ray, a chest CAT scan, MRI, or other study to assess any findings in your chest</td>
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<tr>
<td>Other diagnostic procedure or surgery related to your heart or blood vessels</td>
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</tbody>
</table>

Complete "Specific Medical Procedures" form for each item with a Yes response.
8. a. Has your employment status, location or the number of hours you work per week changed since your last follow up call?

- No  ➔ Skip to Question Question 9
- Yes

b. Choose one of the following which best describes your current situation:

- Started working after retiring or other time off
- Changed job
- Changed job location only
- Retired  ➔ Skip to Question 8d
- Unemployed  ➔ Skip to Question 8d
- Changed hours per week at work  ➔ Skip to Question 8d
- Refused/No response  ➔ Skip to Question 9

c. What is the street address of your new job or job location?

Street

City  State  ZIP  Country

d. When did your employment status, location, or hours worked per week change?

Month / Year

9. Which of the following best describes your current smoking status?

- Never smoked  ➔ Skip to Question 12
- Former smoker, quit more than 1 year ago  ➔ Skip to Question 12
- Former smoker, quit less than 1 year ago
- Current smoker
- Don't know

10. Have you smoked cigarettes during the last 30 days?

- Yes
- No  ➔ Skip to question 12
11 On average, about how many cigarettes a day do you smoke? 

12 Did anyone smoke in your residence in the past 12 months (this includes you)?

- Yes
- No
- Don't know

12a. On average, how often did someone smoke in your residence in the past 12 months?

- Less than once a month
- A few days each month
- More than half of the days of the month, but less than daily
- Every day or almost every day

13 When walking on level ground, do you get more breathless than people your own age?

14 When walking up hills or stairs, do you get more breathless than people your own age?

15 Do you ever have to stop walking because of breathlessness?

16 Since your last follow up phone call have you had swelling of your feet or ankles?

If Yes ➔ Did it tend to come on during the day and go down overnight?

17 Since your last follow up phone call have you had to sleep on two or more pillows to help you breathe?

18 Are you taking aspirin on a regular basis?

If Yes ➔ How many days a week?

19 Are you taking a medication for cholesterol on a regular basis?
Reproductive History

WOMEN ONLY -- MEN are finished with this questionnaire.

20 Have you had surgery to remove your ovaries?  
Yes  No  Don't Know

If Yes:  
a. At what age? [ ]  
b. How many ovaries were removed?  
1  2  If both ovaries removed, Skip to Question 24

21 Have you had a hysterectomy (surgery to remove your uterus/womb)?  
Yes  No  Don't Know

At what age?  
Skip to Question 24

22 Have you had a menstrual period in the past 12 months?  
Yes  No  Don't Know

If Yes  
How many periods have you had in the last 12 months?  
Skip to Question 24

23 Have you taken birth control pills since your last follow up phone call?  
Yes  No  Don't Know

If Yes  
Please estimate the total number of months that you took birth control pills since your last follow up phone call (keeping in mind you may have started and stopped several times)
Since your last follow up call, have you taken hormone replacement therapy?

- No
- Yes

a. Are you currently using hormone replacement therapy?

- Yes
- No

At what age did you begin? 

At what ages did you take hormones?

b. Which type of therapy were you on?

- Estrogen alone (like Premarin or Estratab)
- Estrogen with progestin (like Provera)
- Other types of hormone replacement therapy

Specify: 

I'd next like to make sure our records are up to date. Could you please tell me if the following information I have is still correct?

Go to "Participant Tracking" form and verify the tracking information that appears in the left-hand column.

END: Thank you so much for answering these questions. When would it be most convenient to schedule your next visit? The main exam will take a little over 4 hours and will include health interviews, a brief physical examination, and blood tests. You may also be selected to have a CT scan and ultrasound scan, which would take about 30 minutes each, or MRI, which would take just under an hour. You may also be selected for lung function testing, which would take about 20 minutes.

Date: / / 

Time: : 

Thank you so much for talking with me today. We greatly appreciate your participation in MESA. Should you have any questions, please feel free to call us at the clinic at telephone number ____________.