Spirometry Eligibility (SPI)

SPI002_PRE We'd like to measure the amount (volume) and speed at which air flows to and from your lungs when you breathes. Before doing this test I need to determine if this test is appropriate based on the following questions.

INTERVIEWER: HIT ENTER CONTINUE

SPI002   Did you have any surgery over the past 3 months?

SPI002	FMT_YES_NO.

<1>   YES
<2>   NO   **(SKIP TO SPI006)**

<d>   DON'T KNOW
<r>   REFUSED

SPI004   Which if any of the following types of surgery have you had over the past 3 months.

(HAND CARD: ENTER ALL THAT APPLY. HIT 'x' WHEN DONE)

SPI004_A	FMT_SURGERY.
SPI004_B	FMT_SURGERY.
SPI004_C	FMT_SURGERY.

<1>   EYE SURGERY
<2>   OPEN CHEST OR ABDOMINAL SURGERY
<3>   OTHER SURGERY

<d>   DON'T KNOW
<r>   REFUSED

SPI006   Did you or anyone in the household have tuberculosis in the past year?

SPI006	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI008   Has a doctor or other health professional ever told you that you had a collapsed lung?

SPI008	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI012   Has a doctor or other health professional ever told you that you had an aneurysm?

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SPI012	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI014   In the past month, have you ever coughed up blood?

SPI014	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI016   Have you had a stroke in the last 3 months?

SPI016	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI018   Have you had a heart attack in the last 3 months?

SPI018	FMT_YES_NO.

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

[(IFSPI004=1 or 2, d, or r) OR (IF SPI006 = 1, d, or r) OR (IF SPI008 = 1, d, or r) OR (IF SPI012 = 1, d, or r) OR (IF SPI014=1, d, or r) OR (IF SPI016 = 1, d, or r) OR (IF SPI018=1, d or r) THEN GO TO SPI300; ELSE GO TO SPI140]

SPI140   Are you willing to do the spirometry test?

SPI140	FMT_YES_NO.

<1>   YES
<2>   NO **(SKIP TO SP1300)**

SPI150   The following questions are about things researchers need to know about you when analyzing the data and comparing it to other groups of subjects.

SPI150	FMT_YES_NO.

Have you smoked in the last hour?

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(PARAMETERS THAT MAY AFFECT ACCURACY OR COMPARABILITY. WILL NOT EXCLUDE, BUT NEED TO BE NOTED)

<1>   YES
<2>   NO
<d>   DON'T KNOW
<r>   REFUSED

SPI160   Have you consumed alcohol in the last 4 hours?

| SPI160 | FMT_YES_NO. |

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI170   Have you performed any vigorous activity in the last 30 minutes?

| SPI170 | FMT_YES_NO. |

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI180   Have you eaten a large meal in the last 2 hours?

| SPI180 | FMT_YES_NO. |

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI190   Are you wearing any clothes that will prevent your chest or abdomen from expanding fully?

| SPI190 | FMT_YES_NO. |

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

SPI200   Do you have a cough at the current time?

| SPI200 | FMT_YES_NO. |

<1>   YES
<2>   NO

<d>   DON'T KNOW
<r>   REFUSED

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SPI210   For this next test I will ask you to take a deep breath, then blow out as hard and as fast as you can using a mouthpiece connected to the machine with tubing. The spirometer then measures the total amount exhaled, called the forced vital capacity for FVC, and how much you exhaled the first second, called the forced expiratory volume in 1 second, or FEV1.

INTERVIEWER: HIT ENTER TO CONTINUE

SPI250   FEV1/FVC READINGS

<0-20>   <d> Don't know   <r> Refused

#	FEV1			FVC		
1	_____	**SPI250_A1**	**FMT_NUMERIC.**	_____	**SPI250_B1**	**FMT_NUMERIC.**
2	_____	**SPI250_A2**	**FMT_NUMERIC.**	_____	**SPI250_B2**	**FMT_NUMERIC.**
3	_____	**SPI250_A3**	**FMT_NUMERIC.**	_____	**SPI250_B3**	**FMT_NUMERIC.**

If necessary:
(2 FEV1 values much be within 10% of the highest value)

#	FEV1		
4	_____	**SPI250_A4**	**FMT_NUMERIC.**
5	_____	**SPI250_A5**	**FMT_NUMERIC.**
6	_____	**SPI250_A6**	**FMT_NUMERIC.**
7	_____	**SPI250_A7**	**FMT_NUMERIC.**
8	_____	**SPI250_A8**	**FMT_NUMERIC.**

SPI300   **[IF EXCLUDED]** Explain to the subject that the test is not recommended because of the answers they gave and go on to the next test

Additional Comments about test, conditions or reason refused if they volunteered this.

(e.g Note why refused if it is volunteered)

SPI300 $FMT_CHAR.

<1>   Enter Comments
<2>   No Comments