

Shared Exclusion Questions for the MEC Examination (June 2002) Sample Person Questionnaire

Description

Exclusion criteria were developed to prevent survey participants with specific health conditions from receiving certain MEC examination components for reasons of safety. In addition, criteria for exclusion were developed to address specific health conditions that would affect data collection or grading. Some exclusion criteria applied to more than one component. Therefore, a system of shared exclusion questions (variable name prefix SEQ) was developed so that a participant would only be asked about a condition one time. The information would be communicated or “shared” with multiple survey examination components.

Question and related examinations

The NHANES Integrated Survey Information System (ISIS) shares information that was obtained during the Household Interview. Following the Household interview, the survey participant is asked questions that may affect their ability to safely participate in certain MEC examination components. If the response to any of these questions excludes the survey participant from the component(s), the Coordinator System in the MEC “blocks” the survey participant from the examination component(s). If the question is not answered during the Household Interview, it is asked in the first examination component the question is shared with. During the course of the MEC examination, the reporting of results affecting the safety or physical inability of the survey participant to conduct an examination triggers a blocking procedure. This procedure includes the following:

Automatic profile update to block the examinations affected.
Coordinator receives an alert message indicating the block.
The system is updated to reflect the new blocking information.

The factors for blocking are listed below and are compiled during the interview process.

Question	Component Question is Shared	Blocked Component or Section
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Question	Component Question is Shared	Blocked Component or Section
<p>Do you have any amputations of your legs and feet other than toes?</p> <p>1 = Yes</p> <p>2 = No</p>	<p>Muscle Strength</p> <p>Physician</p> <p>LED</p> <p>Body Composition</p> <p>Balance</p>	<p>Balance if 1</p> <p>CV if 1</p> <p>BC (BIA Section) if 1</p> <p>Phys. (CV Section) if 1</p>
<p>Where is the amputation?</p> <p>1 = Right leg</p> <p>2 = Left leg</p> <p>3 = Both legs</p>	<p>Muscle Strength</p> <p>Physician</p> <p>LED</p> <p>Body Composition</p> <p>Balance</p>	<p>MS (Isokinetic Testing Section) if 1 or 3</p> <p>LED if 3</p>
<p>How much do you weigh without clothes or shoes?</p>	<p>Muscle Strength</p> <p>Physician</p> <p>LED</p> <p>Body Composition</p> <p>Balance</p>	<p>Balance if > 275</p> <p>LED if > 400</p> <p>CV if > 350</p> <p>BC > 300</p> <p>Phys. (CV Section) > 350</p>
<p>Do you have a pacemaker or automatic defibrillator?</p> <p>1 = Yes</p> <p>2 = No</p> <p>9 = Don't know</p>	<p>Body Composition</p> <p>Physician</p> <p>Dental</p>	<p>CV if 1 or 9</p> <p>BC (BIA Section) if 1 or 9</p> <p>Phys. (CV Section) if 1 or 9</p> <p>Dental (Perio. & Root Caries) if 1 or 9</p>
<p>Do you have hemophilia?</p> <p>1 = Yes</p> <p>2 = No</p> <p>7 = Refusal</p> <p>9 = Don't know</p>	<p>Phlebotomy</p> <p>Dental</p>	<p>Phlebotomy if 1, 7, or 9</p> <p>Dental (Perio. & Root Caries) if 1</p>
<p>Have you received cancer chemotherapy in the past four weeks or do you anticipate such therapy in the next four weeks?</p> <p>1 = Yes</p> <p>2 = No</p> <p>7 = Refusal</p> <p>9 = Don't know</p>	<p>Phlebotomy</p>	<p>Phlebotomy if 1, 7, or 9</p> <p>1999 NHANES only:</p> <p>Dental (Perio. & Root Caries) if 1 or 9</p>

Question	Component Question is Shared	Blocked Component or Section
Are you currently pregnant? 1 = Yes 2 = No 9 = Don't know	Physician Body Composition	BC if 1 or 9
How many weeks? 99 = Don't know	Physician Body Composition	CV if 12 or 99 Phys, (CV Section) if 12 or 99
Pulse Rate	Physician	CV if > 100 Phys, (CV Section) if > 100
Systolic Blood Pressure Average	Physician	CV if > 180 Phys, (CV Section) if > 180
Diastolic Blood Pressure Average	Physician	CV if > 100 Phys, (CV Section) if > 100
Number of Missed Heart Beats	Physician	CV if > 3 Phys, (CV Section) if > 3
Prescription Medication	Physician Review	CV Phys, (CV Section)

1.1 CV Block Due to Data Collected During the Household Questionnaire

Question	Component Question is Shared
Congestive Heart Failure If 1, 7, or 9	MCQ.160b
Coronary Heart Disease If 1, 7, or 9	MCQ.160c
Angina If 1, 7, or 9	MCQ.160d
Myocardial Infarction If 1, 7, or 9	MCQ.160e
Stroke If 1, 7, or 9	MCQ.160f
Emphysema If 1, 7, or 9	MCQ.160g

Question	Component Question is Shared
Difficulty Walking ¼ Mile If 3, 4, 7, or 9	PFQ.060b
Difficulty Walking Up 10 Steps If 3, 4, 7, or 9	PFQ.060c
Difficulty Walking One Room to Another If 3, 4, 7, or 9	PFQ.060h
Standing Up from Armless Chair If 3, 4, 7, or 9	PFQ.060i
Back or Neck Problem If = 11	PFQ.067
Developmental Problems If = 15	PFQ.067
Fractures/Bond Injury If = 17	PFQ.067
Heart Problems If = 19	PFQ.067
Lung/Breathing Problems If = 21	PFQ.067
Stroke Problem If = 25	PFQ.067
Refused If = 77	PFQ.067
Do Not Know If = 99	PFQ.067
Use of a Device or Cane If 1, 7, or 9	PFQ.090
Retinopathy If 1, 7, or 9	DIQ.080
Stop when Walking on Own Pace on Level If 1, 7, or 9	CDQ.030
Shortness of Breath – 100 Yards If 1, 7, or 9	CDQ.040
PND If 1, 7, or 9	CDQ.050

Question	Component Question is Shared
PND – Relieved by Sitting on Side of Bed If 1, 7, or 9	CDQ.060
Orthopnea If 1, 7, or 9	CDQ.070
Wheezing in Past 12 Months >= 12	RDQ.080
Wheezing the Limits Speech (Last 12 Months) If 1, 7, or 9	RDQ.110
Blind If 1, 7, or 9	VIQ.020
Very Poor Eyesight If 5, 7, or 9	VIQ.030

Blocking Body Composition Component Testing Due to Pregnancy Status

For female participants, the survey participant is blocked from the Body Composition component by the MEC Coordinator 's workstation until a pregnancy result is obtained from the MEC laboratory. Pregnancy testing was done on females 18 to 59 years of age during the 1999 data collection year. During the 2000 data collection cycle, menstruating females 8-11 years and all females 12-59 received a pregnancy test. A positive pregnancy test excluded the survey participant from the Body Composition component. The MEC physician's ISIS subsystem was also updated to show the pregnancy results. If a positive pregnancy result was determined after the survey participant had seen the Physician, and the survey participant was not aware of the condition, the MEC Coordinator's screen was updated to indicate that the survey participant must see the Physician again prior to leaving the MEC.

Blocking of an survey participant from CV Fitness Pending Physician Exam

The Physician exam must be completed before the Coordinator system allows the survey participant to perform the CV Fitness exam. Based on the survey participant's pulse rate and blood pressure as detailed in the blocking chart, he/she may be excluded from CV Fitness. Additionally, the Physician must review the survey participant's medical history and ask an additional set of safety exclusion questions prior to the administration of the CV Fitness examination.