Family Health History

Please answer each question as honestly as possible. There are no right or wrong answers to any of the questions. It is important that you answer as many questions as you can. We are looking for your own answers, and not what you think your doctors, family, or friends want you to say.

Don't feel like you have to spend a long time on each question. The first answer that comes to you is usually the best one. If you aren't sure how to answer a question, choose the best answer from the available choices. Some questions also let you say if you don't know an answer or would rather not answer.

This module asks you about your family's medical history, including medical conditions that your biological parents, grandparents, siblings, or children currently have or have had in the past. Understanding your family's experiences with medical issues can tell us a lot about what kinds of medical issues might be related to your genetics. Genetics has to do with traits that are passed down from generation to generation in a family.

You will be asked questions about your family. Think only of people you are related to by blood including those living or deceased.

How much do you know about illnesses or health problems for your parents, grandparents, brothers, sisters, and/or children?[1]
- A lot
- Some
- None at all *[End Survey]*

   Branching logic: when "A lot" or "Some" selected, then:
_____

   Cancer Conditions
_____

   Has anyone in your family ever been diagnosed with the following cancer conditions? Think only of the people you are related to by blood. Select all that apply.[1]
   - ❏ Bladder cancer
      Branching logic: when "Bladder cancer" selected, then:
      Who in your family has had bladder cancer? Select all that apply.[1]
      - ❏ Mother
      - ❏ Father
      - ❏ Sibling
      - ❏ Daughter

❑ Son
❑ Grandparent

❑ Bone cancer

Branching logic: when "Bone cancer" selected, then:

Who in your family has had bone cancer? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Blood or soft tissue cancer

Branching logic: when "Blood or soft tissue cancer" selected, then:

Who in your family has had blood or soft tissue cancer? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Brain cancer

Branching logic: when "Brain cancer" selected, then:

Who in your family has had brain cancer? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Breast cancer

Branching logic: when "Breast cancer" selected, then:

Who in your family has had breast cancer? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Cervical cancer

Branching logic: when "Cervical cancer" selected, then:

Who in your family has had cervical cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Sibling
- ❏ Daughter
- ❏ Grandparent

❏ Colon cancer/Rectal cancer

Branching logic: when "Colon cancer/rectal cancer" selected, then:

Who in your family has had colon cancer/rectal cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Endocrine cancer

Branching logic: when "Endocrine cancer" selected, then:

Who in your family has had endocrine cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Endometrial cancer

Branching logic: when "Endometrial cancer" selected, then:

Who in your family has had endometrial cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Sibling
- ❏ Daughter
- ❏ Grandparent

❏ Esophageal cancer

Branching logic: when "Esophageal" selected, then:

Who in your family has had esophageal cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Eye cancer

Branching logic: when "Eye cancer" selected, then:

Who in your family has had eye cancer? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Head and neck cancer (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)

Branching logic: when "Head and neck cancer (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)" selected, then:

Who in your family has had head and neck cancer? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Kidney cancer

Branching logic: when "Kidney cancer" selected, then:

Who in your family has had kidney cancer? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Lung cancer

Branching logic: when "Lung cancer" selected, then:

Who in your family has had lung cancer? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Ovarian cancer

Branching logic: when "Ovarian cancer" selected, then:

Who in your family has had ovarian cancer? Select all that apply.[1]

❏ Mother

❏ Sibling

❏ Daughter

❏ Grandparent

❏ Pancreatic cancer

Branching logic: when "Pancreatic cancer" selected, then:

Who in your family has had pancreatic cancer? Select all that apply.[1]

❏ Mother

❏ Father

❏ Sibling

❏ Daughter

❏ Son

❏ Grandparent

❏ Prostate cancer

Branching logic: when "Prostate cancer" selected, then:

Who in your family has had prostate cancer? Select all that apply.[1]

❏ Father

❏ Sibling

❏ Son

❏ Grandparent

❏ Skin cancer

Branching logic: when "Skin cancer" selected, then:

Who in your family has had skin cancer? Select all that apply.[1]

❏ Mother

❏ Father

❏ Sibling

❏ Daughter

❏ Son

❏ Grandparent

❏ Stomach cancer

Branching logic: when "Stomach cancer" selected, then:

Who in your family has had stomach cancer? Select all that apply.[1]

❏ Mother

❏ Father

❏ Sibling

❏ Daughter

❏ Son

❏ Grandparent

❏ Thyroid cancer

Branching logic: when "Thyroid cancer" selected, then:

Who in your family has had thyroid cancer? Select all that apply.[1]

- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Other cancer

Branching logic: when "Other cancer" selected, then:

Who in your family has had other cancer(s)? Select all that apply.[1]

- ❏ Mother

  Branching logic: when "Mother" selected, then:

  Please list other cancer(s) your mother has had.[1]

  _____

- ❏ Father

  Branching logic: when "Father" selected, then:

  Please list other cancer(s) your father has had.[1]

  _____

- ❏ Sibling

  Branching logic: when "Sibling" selected, then:

  Please list other cancer(s) your sibling(s) has had.[1]

  _____

- ❏ Daughter

  Branching logic: when "Daughter" selected, then:

  Please list other cancer(s) your daughter(s) has had.[1]

  _____

- ❏ Son

  Branching logic: when "Son" selected, then:

  Please list other cancer(s) your son(s) has had.[1]

  _____

- ❏ Grandparent

  Branching logic: when "Grandparent" selected, then:

  Please list other cancer(s) your grandparent(s) has had.[1]

  _____

❏ None of the above
❏ Don't know
❏ Prefer not to answer

_____

Heart and Blood Conditions

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Has anyone in your family ever been diagnosed with the following heart and blood conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Anemia

Branching logic: when "Anemia" selected, then:

Who in your family has had anemia? Select all that apply.[1]

  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Aortic aneurysm

Branching logic: when "Aortic aneurysm" selected, then:

Who in your family has had aortic aneurysm? Select all that apply.[1]

  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter)

Branching logic: when "Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter)" selected, then:

Who in your family has had atrial fibrillation (or a-fib) or atrial flutter (or a-flutter)? Select all that apply.[1]

  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Congestive heart failure

Branching logic: when "Congestive heart failure" selected, then:

Who in your family has had congestive heart failure? Select all that apply.[1]

  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

- ❏ Coronary artery/coronary heart disease (includes angina)

  Branching logic: when "Coronary artery/coronary heart disease (includes angina)" selected, then:

  Who in your family has had coronary artery/coronary heart disease (includes angina)? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent

- ❏ Heart attack

  Branching logic: when "Heart attack" selected, then:

  Who in your family has had a heart attack? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent

- ❏ Heart valve disease

  Branching logic: when "Heart valve disease" selected, then:

  Who in your family has had heart valve disease? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent

- ❏ High blood pressure (Hypertension)

  Branching logic: when "High blood pressure (Hypertension)" selected, then:

  Who in your family has had high blood pressure (hypertension)? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent

- ❏ High cholesterol

  Branching logic: when "High cholesterol" selected, then:

  Who in your family has had high cholesterol? Select all that apply.[1]
    - ❏ Mother
    - ❏ Father
    - ❏ Sibling
    - ❏ Daughter
    - ❏ Son
    - ❏ Grandparent

- ❏ Peripheral vascular disease

  Branching logic: when "Peripheral vascular disease" selected, then:

  Who in your family has had peripheral vascular disease? Select all that apply.[1]
    - ❏ Mother
    - ❏ Father
    - ❏ Sibling
    - ❏ Daughter
    - ❏ Son
    - ❏ Grandparent

- ❏ Pulmonary embolism or deep vein thrombosis (DVT)

  Branching logic: when "Pulmonary embolism or deep vein thrombosis (DVT)" selected, then:

  Who in your family has had pulmonary embolism or deep vein thrombosis (DVT)? Select all that apply.[1]
    - ❏ Mother
    - ❏ Father
    - ❏ Sibling
    - ❏ Daughter
    - ❏ Son
    - ❏ Grandparent

- ❏ Sickle cell disease

  Branching logic: when "Sickle cell disease" selected, then:

  Who in your family has had sickle cell disease? Select all that apply.[1]
    - ❏ Mother
    - ❏ Father
    - ❏ Sibling
    - ❏ Daughter
    - ❏ Son
    - ❏ Grandparent

- ❏ Stroke

  Branching logic: when "Stroke" selected, then:

Who in your family has had a stroke? Select all that apply.[1]
- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Sudden death

Branching logic: when "Sudden death" selected, then:

Who in your family had sudden death? Select all that apply.[1]
- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ None of the above

❏ Don't know

❏ Prefer not to answer

_____

Digestive Conditions

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Has anyone in your family ever been diagnosed with the following digestive conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Acid reflux

Branching logic: when "Acid reflux" selected, then:

Who in your family has had acid reflux? Select all that apply.[1]
- ❏ Mother
- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent

❏ Celiac disease

Branching logic: when "Celiac disease" selected, then:

Who in your family has had celiac disease? Select all that apply.[1]
- ❏ Mother
- ❏ Father
- ❏ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Colon polyps

Branching logic: when "Colon polyps" selected, then:

Who in your family has had colon polyps? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Crohn's disease

Branching logic: when "Crohn's disease" selected, then:

Who in your family has had Crohn's disease? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Diverticulitis/Diverticulosis

Branching logic: when "Diverticulitis/Diverticulosis" selected, then:

Who in your family has had diverticulitis/diverticulosis? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Gall stones

Branching logic: when "Gall stones" selected, then:

Who in your family has had gall stones? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

- ❏ Irritable bowel syndrome (IBS)
  Branching logic: when "Irritable bowel syndrome (IBS)" selected, then:
  Who in your family has had irritable bowel syndrome (IBS)? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Liver condition (e.g., cirrhosis)
  Branching logic: when "Liver condition (e.g., cirrhosis)" selected, then:
  Who in your family has had liver condition (e.g., cirrhosis)? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Peptic (stomach) ulcers
  Branching logic: when "Peptic (stomach) ulcers" selected, then:
  Who in your family has had peptic (stomach) ulcers? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Ulcerative colitis
  Branching logic: when "Ulcerative colitis" selected, then:
  Who in your family has had ulcerative colitis? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ None of the above
- ❏ Don't know

❏ Prefer not to answer

Hormone and Endocrine Conditions

Has anyone in your family ever been diagnosed with the following hormone and endocrine conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Hyperthyroidism
Branching logic: when "Hyperthyroidism" selected, then:
Who in your family has had hyperthyroidism? Select all that apply.[1]
  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Hypothyroidism
Branching logic: when "Hypothyroidism" selected, then:
Who in your family has had hypothyroidism? Select all that apply.[1]
  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Type 1 diabetes
Branching logic: when "Type 1 diabetes" selected, then:
Who in your family has had Type 1 diabetes? Select all that apply.[1]
  ❏ Mother
  ❏ Father
  ❏ Sibling
  ❏ Daughter
  ❏ Son
  ❏ Grandparent

❏ Type 2 diabetes
Branching logic: when "Type 2 diabetes" selected, then:
Who in your family has had Type 2 diabetes? Select all that apply.[1]
  ❏ Mother
  ❏ Father

- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent
- ❏ Other/unknown diabetes
  Branching logic: when "Other/unknown diabetes" selected, then:
  Who in your family has had Other/unknown diabetes? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ None of the above
- ❏ Don't know
- ❏ Prefer not to answer

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Kidney Conditions

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Has anyone in your family ever been diagnosed with the following kidney conditions? Think only of the people you are related to by blood. Select all that apply.[1]
- ❏ Kidney disease
  Branching logic: when "Kidney disease" selected, then:
  Who in your family has had kidney disease? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Kidney stones
  Branching logic: when "Kidney stones" selected, then:
  Who in your family has had kidney stones? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent

❏ None of the above
❏ Don't know
❏ Prefer not to answer

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Lung Conditions

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Has anyone in your family ever been diagnosed with the following lung conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Asthma
  Branching logic: when "Asthma" selected, then:
  Who in your family has had asthma? Select all that apply.[1]
    ❏ Mother
    ❏ Father
    ❏ Sibling
    ❏ Daughter
    ❏ Son
    ❏ Grandparent
❏ Chronic lung disease (COPD, emphysema, or bronchitis)
  Branching logic: when "Chronic lung disease (COPD, emphysema, or bronchitis)" selected, then:
  Who in your family has had chronic lung disease (COPD, emphysema, or bronchitis)? Select all that apply.[1]
    ❏ Mother
    ❏ Father
    ❏ Sibling
    ❏ Daughter
    ❏ Son
    ❏ Grandparent
❏ Sleep apnea
  Branching logic: when "Sleep apnea" selected, then:
  Who in your family has had sleep apnea? Select all that apply.[1]
    ❏ Mother
    ❏ Father
    ❏ Sibling
    ❏ Daughter
    ❏ Son
    ❏ Grandparent
❏ None of the above

❏ Don't know
❏ Prefer not to answer

_____

Brain and Nervous System Conditions

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Has anyone in your family ever been diagnosed with the following brain and nervous system conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Dementia (includes Alzheimer's, vascular, etc.)

Branching logic: when "Dementia (includes Alzheimer's, vascular, etc.)" selected, then:

Who in your family has had dementia (includes Alzheimer's, vascular, etc.)? Select all that apply.[1]

> ❏ Mother
> ❏ Father
> ❏ Sibling
> ❏ Daughter
> ❏ Son
> ❏ Grandparent

❏ Epilepsy or seizure

Branching logic: when "Epilepsy or seizure" selected, then:

Who in your family has had epilepsy or seizure? Select all that apply.[1]

> ❏ Mother
> ❏ Father
> ❏ Sibling
> ❏ Daughter
> ❏ Son
> ❏ Grandparent

❏ Lou Gehrig's disease (Amyotrophic lateral sclerosis)

Branching logic: when "Lou Gehrig's disease (Amyotrophic lateral sclerosis)" selected, then:

Who in your family has had Lou Gehrig's disease (Amyotrophic lateral sclerosis)? Select all that apply.[1]

> ❏ Mother
> ❏ Father
> ❏ Sibling
> ❏ Daughter
> ❏ Son
> ❏ Grandparent

❏ Migraine headaches

Branching logic: when "Migraine headaches" selected, then:

Who in your family has had migraine headaches? Select all that apply.[1]

   ❏ Mother
   ❏ Father
   ❏ Sibling
   ❏ Daughter
   ❏ Son
   ❏ Grandparent

❏ Multiple sclerosis (MS)

Branching logic: when "Multiple sclerosis (MS)" selected, then:

Who in your family has had multiple sclerosis (MS)? Select all that apply.[1]

   ❏ Mother
   ❏ Father
   ❏ Sibling
   ❏ Daughter
   ❏ Son
   ❏ Grandparent

❏ Muscular dystrophy (MD)

Branching logic: when "Muscular dystrophy (MD)" selected, then:

Who in your family has had muscular dystrophy (MD)? Select all that apply.[1]

   ❏ Mother
   ❏ Father
   ❏ Sibling
   ❏ Daughter
   ❏ Son
   ❏ Grandparent

❏ Narcolepsy

Branching logic: when "Narcolepsy" selected, then:

Who in your family has had narcolepsy. Select all that apply.[1]

   ❏ Mother
   ❏ Father
   ❏ Sibling
   ❏ Daughter
   ❏ Son
   ❏ Grandparent

❏ Neuropathy

Branching logic: when "Neuropathy" selected, then:

Who in your family has had neuropathy? Select all that apply.[1]

   ❏ Mother

- ❏ Father
- ❏ Sibling
- ❏ Daughter
- ❏ Son
- ❏ Grandparent
- ❏ Parkinson's disease

  Branching logic: when "Parkinson's disease" selected, then:

  Who in your family has had Parkinson's disease? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Restless leg syndrome

  Branching logic: when "Restless leg syndrome" selected, then:

  Who in your family has had restless leg syndrome? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ None of the above
- ❏ Don't know
- ❏ Prefer not to answer

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Mental Health or Substance Use Conditions

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Has anyone in your family ever been diagnosed with the following mental health or substance use conditions? Think only of the people you are related to by blood. Select all that apply.[1]

- ❏ Alcohol use disorder

  Branching logic: when "Alcohol use disorder" selected, then:

  Who in your family has had alcohol use disorder? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter

❑ Son
❑ Grandparent

❑ Anxiety reaction/panic disorder

Branching logic: when "Anxiety reaction/panic disorder" selected, then:

Who in your family has had anxiety reaction/panic disorder? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Autism spectrum disorder

Branching logic: when "Autism spectrum disorder" selected, then:

Who in your family has had autism spectrum disorder? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Bipolar disorder

Branching logic: when "Bipolar disorder" selected, then:

Who in your family has had bipolar disorder? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❑ Depression

Branching logic: when "Depression" selected, then:

Who in your family has had depression? Select all that apply.[1]

❑ Mother
❑ Father
❑ Sibling
❑ Daughter
❑ Son
❑ Grandparent

❏ Drug use disorder

Branching logic: when "Drug use disorder" selected, then:

Who in your family has had drug use disorder? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

❏ Schizophrenia

Branching logic: when "Schizophrenia" selected, then:

Who in your family has had schizophrenia? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

❏ None of the above
❏ Don't know
❏ Prefer not to answer

_____

Bone, Joint, and Muscle Conditions

_____

Has anyone in your family ever been diagnosed with the following bone, joint, and muscle conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Fibromyalgia

Branching logic: when "Fibromyalgia" selected, then:

Who in your family has had fibromyalgia? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

❏ Gout

Branching logic: when "Gout" selected, then:

Who in your family has had gout? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Osteoarthritis

Branching logic: when "Osteoarthritis" selected, then:

Who in your family has had osteoarthritis? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Osteoporosis

Branching logic: when "Osteoporosis" selected, then:

Who in your family has had osteoporosis? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Pseudogout (CPPD)

Branching logic: when "Pseudogout (CPPD)" selected, then:

Who in your family has had pseudogout (CPPD)? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❑ Son

❑ Grandparent

❑ Rheumatoid arthritis (RA)

Branching logic: when "Rheumatoid arthritis (RA)" selected, then:

Who in your family has had rheumatoid arthritis (RA)? Select all that apply.[1]

❑ Mother

❑ Father

❑ Sibling

❑ Daughter

❏ Son
❏ Grandparent

❏ Systemic lupus

Branching logic: when "Systemic lupus" selected, then:

Who in your family has had systemic lupus? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

❏ Spine, muscle, or bone disorders (non-cancer)

Branching logic: when "Spine, muscle, or bone disorders (non-cancer)" selected, then:

Who in your family has had spine, muscle, or bone disorders (non-cancer)? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

❏ None of the above
❏ Don't know
❏ Prefer not to answer

_____

Hearing and Eye Conditions

_____

Has anyone in your family ever been diagnosed with the following hearing or eye conditions? Think only of the people you are related to by blood. Select all that apply.[1]

❏ Cataracts

Branching logic: when "Cataracts" selected, then:

Who in your family has had cataracts? Select all that apply.[1]

❏ Mother
❏ Father
❏ Sibling
❏ Daughter
❏ Son
❏ Grandparent

- ❏ Glaucoma

  Branching logic: when "Glaucoma" selected, then:

  Who in your family has had glaucoma? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Macular degeneration

  Branching logic: when "Macular degeneration" selected, then:

  Who in your family has had macular degeneration? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ Severe hearing loss or partial deafness in one or both ears

  Branching logic: when "Severe hearing loss or partial deafness in one or both ears" selected, then:

  Who in your family has had Severe hearing loss or partial deafness in one or both ears? Select all that apply.[1]
  - ❏ Mother
  - ❏ Father
  - ❏ Sibling
  - ❏ Daughter
  - ❏ Son
  - ❏ Grandparent
- ❏ None of the above
- ❏ Don't know
- ❏ Prefer not to answer

Other Conditions

Has anyone in your family ever been diagnosed with the following other conditions? Think only of the people you are related to by blood. Select all that apply.[1]
- ❏ Allergies

  Branching logic: when "Allergies or hay fever" selected, then:

Who in your family has had allergies or hay fever? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Endometriosis

Branching logic: when "Endometriosis" selected, then:

Who in your family has had endometriosis? Select all that apply.[1]

- ❑ Mother
- ❑ Sibling
- ❑ Daughter
- ❑ Grandparent

❑ Fibroids

Branching logic: when "Fibroids" selected, then:

Who in your family has had fibroids? Select all that apply.[1]

- ❑ Mother
- ❑ Sibling
- ❑ Daughter
- ❑ Grandparent

❑ Obesity

Branching logic: when "Obesity" selected, then:

Who in your family has had obesity? Select all that apply.[1]

- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Polycystic ovarian syndrome

Branching logic: when "Polycystic ovarian syndrome" selected, then:

Who in your family has had polycystic ovarian syndrome? Select all that apply.[1]

- ❑ Mother
- ❑ Sibling
- ❑ Daughter
- ❑ Grandparent

❑ Reactions to anesthesia (such as hyperthermia)

Branching logic: when "Reactions to anesthesia (such as hyperthermia)" selected, then:

Who in your family has had reactions to anesthesia (such as hyperthermia)? Select all that apply.[1]
- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Skin condition (e.g., eczema, psoriasis)

Branching logic: when "Skin condition (e.g., eczema, psoriasis)" selected, then:

Who in your family has had skin condition(s) (e.g., eczema, psoriasis)? Select all that apply.[1]
- ❑ Mother
- ❑ Father
- ❑ Sibling
- ❑ Daughter
- ❑ Son
- ❑ Grandparent

❑ Other

Branching logic: when "Other" selected, then:

Who in your family has had other condition(s)? Select all that apply.[1]
- ❑ Mother

  Branching logic: when "Mother" selected, then:

  Please list other condition(s) your mother has had.[1]

  _____

- ❑ Father

  Branching logic: when "Father" selected, then:

  Please list other condition(s) your father has had.[1]

  _____

- ❑ Sibling

  Branching logic: when "Sibling" selected, then:

  Please list other condition(s) your sibling(s) has had.[1]

  _____

- ❑ Daughter

  Branching logic: when "Daughter" selected, then:

  Please list other condition(s) your daughter(s) has had.[1]

  _____

- ❑ Son

  Branching logic: when "Son" selected, then:

  Please list other condition(s) your son(s) has had.[1]

  _____

❑ Grandparent

Branching logic: when "Grandparent" selected, then:

Please list other condition(s) your grandparent(s) has had.[1]

_____

❑ None of the above
❑ Don't know
❑ Prefer not to answer

<u>Sources</u>
1. Developed for use in All of Us.