

# SCREEN-BE Survey from the University of Colorado and University of Pennsylvania

Barrett's esophagus is a precancerous condition for esophageal cancer. This means that patients with Barrett's esophagus will have a higher risk of developing esophageal cancer.

The purpose of this survey is to obtain information about Barrett's esophagus screening. We will use this information to help improve screening with the ultimate goal of reducing the deaths from esophageal cancer.

This study is being conducted by Dr. Sachin Wani at the University of Colorado Anschutz Medical Campus and Dr. Ravy Vajravelu at the Hospital of the University of Pennsylvania. Participation is voluntary and all information will be kept confidential. The average time to complete the questionnaire is about 10 to 15 minutes.

If you have questions about your rights as a participant in this research study, you can also call the Colorado Multiple Institutional Review Board at (303) 724-1055 or the University of Pennsylvania's Institutional Review Board at 215-898-2614.

Thank you in advance for your participation!

**Section I: First, we would like to ask you about your perception of Barrett's esophagus. Please indicate how strongly you agree or disagree with the following statements:**

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Having a condition called gastroesophageal reflux disease, known as GERD (heartburn/reflux), increases the risk for for developing Barrett's esophagus and esophageal cancer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having GERD (heartburn/reflux) for a longer time increases the risk for developing Barrett's esophagus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being overweight increases the risk for developing Barrett's esophagus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smoking increases the risk for developing Barrett's esophagus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Screening for Barrett's esophagus with upper endoscopy (tube with camera on end to look at esophagus and stomach) a one-time procedure and does not need to be repeated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If GERD (heartburn/reflux) is well controlled on acid lowering medications, screening for Barrett's esophagus is not needed.

Screening for Barrett's esophagus should only be done if someone is having trouble swallowing or losing weight (or both).

The earlier esophageal cancer is diagnosed, the more likely it can be cured.

Esophageal cancer is deadly if not treated.

**Section II: the following questions will ask you about your personal history of screening for Barrett's esophagus. Please answer each question to the best of your knowledge.**

Have you ever had an upper endoscopy (tube with camera on end to look in esophagus and stomach) for any reason in the past? 
 Yes  
 No  
 I don't know

If yes, what were the reasons why you had an upper endoscopy? (please check all that apply) 
 Heartburn/reflux  
 Difficulty swallowing  
 Weight loss  
 Abdominal pain  
 Suspected blood loss  
 Screening for Barrett's esophagus  
 I don't know  
 Other

When did you have your upper endoscopy? 
 Less than 1 year ago  
 1 to 5 years ago  
 Greater than 5 years ago  
 I do not recall

Has a doctor ever recommended screening for Barrett's esophagus for you? 
 Yes  
 No  
 I don't know

Have you completed a test for colon cancer screening? 
 Yes  
 No

Which of the following tests have you used for colon cancer screening? 
 Stool based testing through a card or kit at home, FIT, Cologuard  
 Colonoscopy

After hearing each statement, please indicate how strongly you agree or disagree with the following statements:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I don't think I need screening for Barrett's esophagus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid that an upper endoscopy will be uncomfortable and painful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not want an upper endoscopy for screening because I am afraid it might show cancer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not think an upper endoscopy is a good test for screening for Barrett's esophagus.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Scheduling an appointment for an upper endoscopy is too difficult.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have to wait too long before an upper endoscopy can be scheduled.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An upper endoscopy takes too much time.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not know where to have an upper endoscopy done.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I cannot arrange for a ride to have an upper endoscopy done.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not think my insurance plan will cover an upper endoscopy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will have to pay too much out of pocket for an upper endoscopy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Section III: the following questions will ask you about your thoughts and feelings related to Barrett's esophagus and esophageal cancer. Please select the answer that best reflects how you feel.**

How likely or unlikely do you think you are to get Barrett's esophagus in your lifetime?

- Very likely  
 Somewhat likely  
 Neither likely nor unlikely  
 Somewhat unlikely  
 Very unlikely

How likely or unlikely do you think you are to get esophageal cancer in your lifetime?

- Very likely  
 Somewhat likely  
 Neither likely nor unlikely  
 Somewhat unlikely  
 Very unlikely

How concerned are you about getting Barrett's esophagus?

- Extremely concerned  
 Moderately concerned  
 Somewhat concerned  
 Slightly concerned  
 Not at all concerned

How concerned are you about getting esophageal cancer?

- Extremely concerned  
 Moderately concerned  
 Somewhat concerned  
 Slightly concerned  
 Not at all concerned

Would getting an upper endoscopy reduce your concern about esophageal cancer?

- Yes  
 No  
 I am not concerned

Considering your overall health, how important is getting screened for Barrett's esophagus and esophageal cancer for you?

- Very important  
 Somewhat important  
 Neither important nor unimportant  
 Somewhat unimportant  
 Very unimportant

Are you interested in learning more about Barrett's esophagus and esophageal cancer?

- Yes  
 No  
 Maybe

Where/how would be most helpful for you to learn more?

\_\_\_\_\_

**Section IV: in the next set of questions we are interested in learning more about your background. If you are uncomfortable with any of the questions, please feel free to select "prefer not to specify."**

What do you consider to be your race?  African American  
 Asian  
 White  
 Other  
 Prefer not to specify

If other, please specify what you consider to be your race/ethnicity: \_\_\_\_\_  
(optional)

Do you consider yourself to be Hispanic/Latino?  Yes  
 No  
 Prefer not to specify

How do you describe your gender?  Woman  
 Trans woman  
 Man  
 Trans man  
 Non-binary  
 Not listed above  
 Prefer not to answer

If not listed, please specify how you describe your gender: \_\_\_\_\_

What is your age? \_\_\_\_\_

How would you rate your current overall health status?  Excellent  
 Very good  
 Good  
 Fair  
 Poor  
 Prefer not to specify

What type of insurance do you have? (please mark all that apply)  Employer provided  
 Individually insured  
 Medicare  
 Medicaid  
 Not insured  
 Unknown

What was your highest level of education?  Did not attend high school  
 High school  
 Some college  
 Bachelors degree  
 Advanced degree  
 Prefer not to specify

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What is your employment status?

- Full-time
- Part-time
- Retired
- Disability
- Unemployed
- Homemaker
- Prefer not to specify

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What is your living situation?

- Alone
- Living with relatives/non-relatives
- Homeless
- Prefer not to specify

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What is your household income?

- < \$10,000 per year
- \$10,000-25,000 per year
- \$25,000-50,000 per year
- \$50,000-75,000 per year
- \$75,000-100,000 per year
- >\$100,000 per year
- Prefer not to specify