

**GAOS HCP Survey COMBINED**

**Form Approved**

**OMB Control No.: 0920-0572**

**Expiration date: 08/31/2021**

**Public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB Control Number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA 0920-0572**

## Informed Consent

**Before beginning the survey, there are a few things you should know.**

**On behalf of the Centers for Disease Control and Prevention (CDC), the research firm ICF is conducting an online survey with healthcare professionals to gather feedback on educational materials related to sepsis. These materials were developed in partnership with the CDC, and we hope to use what we learn from these survey results to improve these materials and/or how and where we promote them to raise awareness within your community. We expect this survey to take about 15 minutes. You will only be asked to complete this survey once.**

**We want to learn from you, so we encourage you to answer honestly. There are no right or wrong answers. If you agree to participate in the survey, here are some points to know:**

**Rights Regarding Participation: Your participation in this survey is completely voluntary. You may choose to leave the survey and/or not answer a question at any time for any reason. Refusal to participate will involve no penalty or loss of benefits.**

**Privacy: We will take every precaution to protect your identity and ensure your privacy. We will keep your name and answers to these survey questions private. Your name and contact information will be kept separate from any survey responses. We will never use your name in any reports.**

**Benefits: Your participation in the survey will not result in any direct benefits to you. However, your input will help us to develop and improve educational materials about sepsis for people like you.**

**Risks: There is no known risk to you for your participation in the survey.**

**Incentive: In appreciation of your time and participation, the recruiter will give you a token of appreciation valued at \$\_\_\_\_ for participating in today's survey.**

**Contact Information: If you have any questions about this survey or the campaign, please contact the research director, Kristen Cincotta, PhD, at 404-320-4433.**

**Incentives will be provided based on the HCP audience the respondent is from. ICF will offer the following incentive values:**

- **Urgent Care NPs and PAs = \$35**
- **LTC Nurses = \$35**
- **ED Triage Nurses = \$30**
- **Family Practitioners = \$25**
- **General Medical Ward Staff = \$25**

1. Do you agree to participate in the survey?

Yes

No

## Screener

The results of this survey will help the Centers for Disease Control and Prevention (CDC) refine and improve its ongoing campaign to improve antibiotic use. You will be asked to complete different versions of a survey depending on whether or not you have seen or heard certain messages from CDC about sepsis.

2. May we ask you some questions to see if you are a good match to take this survey?

Yes

No

3. How old are you?

Prefer not to answer

How old are you?

4. In what ZIP code do you work?

5. Are you a healthcare professional (e.g., doctor, nurse, pharmacist, dietician, aid, sitter, social worker)

Yes

No

6. What type of healthcare professional are you? Please select all that apply.

Physician (MD or DO)

Certified Medical Technician (CMT)

Nurse Practitioner (NP)

Certified Nursing Assistant (CNA)

Physician Assistant (PA)

Nurse Aide or Patient Sitter

Registered Nurse (RN)

None of the above

Licensed Professional Nurse (LPN)

Prefer not to answer

Licensed Vocational Nurse (LVN)

7. In what type of setting do you work? (select all that apply)

Emergency room and/or department

Managed care medical clinic (e.g., Kaiser)

Hospital

Long-term care facility (e.g., nursing home, skilled nursing facility, long-term acute care center, adult daycare center, dementia facility)

Urgent care medical clinic

Private practice

None of the above

Community-based clinic or Federally Qualified Health Center

Prefer not to answer

## Disqualification Page

**Thank you for your willingness to participate and answer our questions. Unfortunately, you do not meet the criteria to continue with the survey. If you have any questions about your participation and/or any questions about this survey, please contact the research director, Kristen Cincotta, Ph.D., at (404) 321-3211 or [Kristen.Cincotta@icf.com](mailto:Kristen.Cincotta@icf.com). Thank you for your time.**

## Eligibility Page

**Thank you for answering the questions. We have determined that you are a good match for this survey. If you have any questions about your participation and/or any questions about this survey, please contact the research director, Kristen Cincotta, Ph.D., at (404) 321-3211 or [Kristen.Cincotta@icf.com](mailto:Kristen.Cincotta@icf.com).**

**Exposure to Campaign**

**Now we would like to ask you about a CDC campaign to raise awareness about a medical condition called sepsis that you may or may not have seen or heard about in the past 2 months.**



## Exposure to Campaign

8. Please indicate below whether you have seen or heard any of following campaign names or slogans in the past 2 months.

	Yes	No	Do not know/cannot recall
Be Smart. Beat Sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Be Sepsis Aware	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health is Precious. Don't Get Sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Get Ahead of Sepsis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Know the Threat. Prevent Sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. In the past 2 months, did you see or hear this slogan and/or logo?



**KNOW THE RISKS. SPOT THE SIGNS. ACT FAST.**

- Yes
- No
- Do not recall

## Disqualification Page

**Thank you for your willingness to participate and answer our questions. Unfortunately, you do not meet the criteria to continue with the survey. If you have any questions about your participation and/or any questions about this survey, please contact the research director, Kristen Cincotta, Ph.D., at (404) 321-3211 or [Kristen.Cincotta@icf.com](mailto:Kristen.Cincotta@icf.com). Thank you for your time.**

**FOR POST TEST (INELIGIBLE) ONLY: To learn more about sepsis, please visit <https://www.cdc.gov/sepsis/>.**

## Eligibility Page

**Thank you for answering the questions. We have determined that you are a good match for this survey. If you have any questions about your participation and/or any questions about this survey, please contact the research director, Kristen Cincotta, Ph.D., at (404) 321-3211 or [Kristen.Cincotta@icf.com](mailto:Kristen.Cincotta@icf.com).**

**Click “Continue to Survey” to begin the survey.**

**Frequency and Channel of Exposure [POST-TEST, EXPOSED ONLY]**

**You indicated that you had seen or heard the campaign name, *Get Ahead of Sepsis*, or seen the campaign logo in the past 2 months.**

10. In the past 2 months, approximately how often did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo in ...?

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/ cannot recall
Poster	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fact sheet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brochure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Graphic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Newspaper/magazine advertisement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flyer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other print media (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other print media (please specify)

11. In the past 2 months, approximately how often did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo in ...?

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/ cannot recall
Facebook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instagram	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Twitter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LinkedIn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
YouTube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other social media (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other social media (please specify)

12. In the past 2 months, approximately how often did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo in ...?

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/ cannot recall
Health websites /resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Website advertisements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online news articles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Streaming TV/video services (e.g., Hulu, Netflix, [Amazon] Prime Video)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advertisements on mobile phone (including mobile apps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Search engines (e.g., Google)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other websites (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other online/internet media (please specify)

13. In the past 2 months, approximately how often did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo in ...?

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/ cannot recall
Television (cable, satellite, or antenna)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Broadcast radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other media formats (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other media formats (please specify)

14. In the past 2 months, approximately how often did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo in ...?

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Billboards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bus, train, or subway stations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On buses or taxi cabs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advertisement in a mall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advertisement in a grocery store	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Advertisement in a store pharmacy (e.g., CVS, Walgreens, Walmart)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other public locations (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other public locations (please specify)

15. In the past 2 months, did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo at work?

- Yes, I personally placed or shared CDC's *Get Ahead of Sepsis* campaign materials at my workplace in the past 2 months.
- Yes, I saw CDC's *Get Ahead of Sepsis* campaign at my workplace in the past 2 months, but I was not responsible for placing or sharing it.
- No, but I saw materials from another sepsis campaign at my workplace in the past 2 months.
- No, I have not seen any materials about sepsis at my workplace in the past 2 months.

16. In the past 2 months, where did you see CDC's *Get Ahead of Sepsis* campaign messages, campaign name, or logo at your workplace? (select all that apply)

- Posters or other print material(s) designed to educate patients about sepsis
- Workplace website or internal email/newsletter
- Posters or other print material(s) designed to improve sepsis early recognition and timely treatment by healthcare professionals
- Email or e-newsletter from external organization, such as a state or local public health agency or professional association
- Video displays in patient waiting areas
- Other (please specify)

Knowledge [POST-TEST, EXPOSED ONLY]

Thinking about your knowledge and awareness of sepsis, please indicate which statements you believe to be true.

17. About 1 in 3 patients who die in a hospital have sepsis.

- TRUE  
 FALSE

18. More people die of heart attacks and strokes in one year than from sepsis.

- TRUE  
 FALSE

19. Sepsis is defined as the following:

- A chronic condition that mainly affects kidney function  
 A blood infection  
 The body's extreme response to an infection  
 A neurological disorder resulting from the flu  
 Contagious illness that commonly peaks in the winter  
 All of the above  
 None of the above  
 Do not know

20. Almost any infection can lead to sepsis.

- TRUE  
 FALSE

21. Which of the following types of infections, if any, are OFTEN linked with sepsis? (Select all that apply)

- Ear
- Skin
- Lung
- Eye
- Urinary tract
- Gut
- All of the above
- None of the above
- Do not know

22. If your patient and/or resident is healthy, an infection isn't anything you need to worry about.

- TRUE
- FALSE

23. Which of the following, if any, are the most frequently identified pathogens that cause infections that can develop into sepsis? (Select all that apply)

- Staph
- pertussis
- pylori
- coli
- botulinum
- Some types of Streptococcus
- All of the above
- None of the above
- Do not know

24. Your fast recognition and treatment of sepsis can increase your patients' chances of survival.

- TRUE
- FALSE



25. Check all the signs and symptoms of sepsis below:

- Excessive thirst
- Clammy or sweaty skin
- Confusion or disorientation
- Extreme pain or discomfort
- Fever, shivering, or feeling very cold
- High heart rate
- Shortness of breath
- I do not know any of the signs and symptoms of sepsis.

26. Only doctors need to know the existing guidance for diagnosing and managing sepsis at their facility.

- TRUE
- FALSE

27. Which of the following activities, if any, should you do and advise your patients and/or residents to do in order to prevent infections that can lead to sepsis? (Select all that apply)

- Wash your hands regularly
- Shower daily
- Get recommended vaccines
- Avoid public restrooms
- Keep cuts and wounds clean and covered until healed
- Take good care of chronic conditions
- Ensure proper patient catheter removal (doctor nurse only)
- All of the above
- None of the above
- Do not know

28. If you or your patients and/or residents suspect sepsis or have an infection that's not getting better or is getting worse, you should discuss with them if the infection could be leading to sepsis.

- TRUE
- FALSE

29. Which of the following groups of individuals are at high risk for developing infections than can lead to sepsis, and sepsis? (Select all that apply)

- Adults aged 65 and older
- Children or adults with chronic conditions like diabetes, lung disease, cancer, and kidney disease
- Children younger than 1 years old
- Children or adults with weakened immune systems
- Children or adults who have previously survived sepsis
- All of the above. Anyone can get an infection.
- Do not know
- None of the above

30. Antibiotic therapy for patients who have developed sepsis should NOT be reassessed during the course of treatment.

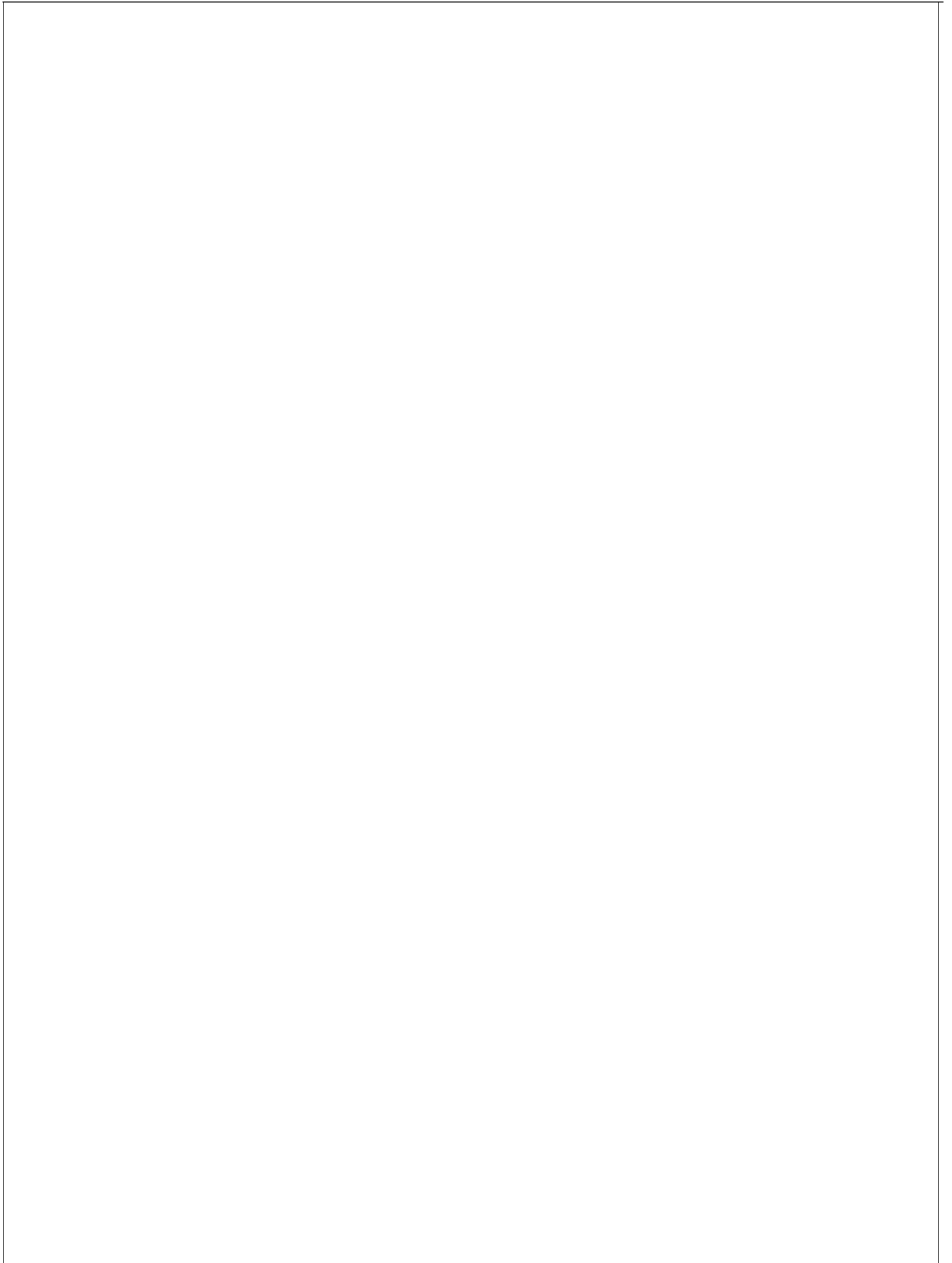
- TRUE
- FALSE

31. Which of the following, if any, is true about sepsis? (Select all that apply)

- Only people with chronic diseases are at risk for sepsis
- Sepsis can cause tissue damage, organ failure, and death
- Sepsis is a medical emergency
- Timely treatment can increase the chances of survival
- All of the above
- None of the above
- Do not know

32. Which of the following is true, if any, about what you should do if you suspect sepsis? (Select all that apply)

- Alert the clinician in charge if it is not you
- Start antibiotics as soon as possible, in addition to other therapies appropriate for the patient
- Check patient progress frequently. Reassess antibiotic therapy in 24-48 hours to stop or adjust therapy if needed.
- Identify and treat patients early
- All of the above
- None of the above
- Do not know



## Attitudes and Beliefs [POST-TEST, EXPOSED ONLY]

**Next, we are going to ask you some questions to learn more about your perspective on infections and sepsis. Please give us your honest responses. There are no right or wrong answers to any of these questions.**

33. Please indicate the extent to which you agree with the following statements, from strongly disagree to strongly agree.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly agree
My patients and/or residents are at risk of developing sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My patients and/or residents are at risk of developing infections that could lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. Please indicate the extent to which you agree with the following statements, from strongly disagree to strongly agree.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly agree
If one of my patients and/or residents developed sepsis, it could cause severe problems such as tissue damage or organ failure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If one of my patients and/or residents developed sepsis, it could lead to death.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

35. Please indicate the extent to which you agree with the following statements, from strongly disagree to strongly agree.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly agree
If my patients and/or residents take proper care of their chronic conditions, this will decrease their chances of developing infections that can lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If my patients and/or residents practice good hand hygiene, this will decrease their chances of developing infections that can lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If my patients and/or residents keep their wounds clean and covered, this will decrease their chances of developing infections that can lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If my patients and/or residents get recommended vaccinations, this will decrease their chances of developing infections that can lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Timely treatment of infections can increase my patients' and/or residents' chances of survival from sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognizing signs and symptoms of sepsis early decreases my patients' and/or residents' risk of death from sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acting fast if I suspect sepsis in my patients and/or residents can save lives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

36. Please indicate the extent to which you agree with the following statements, from strongly disagree to strongly agree.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly agree
I am confident that I can educate my patients and/or residents on how to prevent infections that can lead to sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am confident that I can recognize the signs and symptoms of sepsis in my patients and/or residents.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am confident that I can take rapid action to treat sepsis when suspected in patients.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



38. What are the barriers you commonly encounter when educating your patients and/or residents and their caregivers on preventing sepsis or on preventing infections that can lead to sepsis? Select all that apply.

- I am not familiar enough with these topics.
- I do not feel confident educating my patients/residents on these topics.
- I do not think my patients/residents or their caregivers will understand these topics.
- I do not think it is important for my patients/residents or their caregivers to understand these topics.
- I do not think my patients/residents or their caregivers will be interested in or receptive to learning about these topics.
- I do not have time to educate my patients/residents or their caregivers on these topics.
- I do not think sepsis is a big problem for my patients and/or residents.
- I have not encountered any barriers to educating my patients/residents or their caregivers on these topics.
- I do not try to educate my patients/residents or their caregivers on preventing sepsis or on preventing infections that can lead to sepsis
- Do not know/cannot recall
- Prefer not to answer
- Other, please explain

39. In the past 2 months, have you suspected that a patient and/or resident at your facility had sepsis?

- Yes
- No

40. Please indicate how many patients and/or residents at your facility had sepsis in the past 2 months.

- 1
- 2
- 3
- 4
- 5 or more
- Do not know



41. Please indicate how often you took the following steps for your sepsis patients in the past 2 months. (check all that apply)

	Never	Rarely	Sometimes	Often	Always	N/A
I immediately alerted clinicians in charge about the possibility of sepsis in my patients and/or residents in order to ensure early recognition and timely treatment of sepsis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I started antibiotics as soon as possible for sepsis patient and/or resident, in addition to other therapies appropriate for the patient and/or resident.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I checked the sepsis patient's and/or resident's progress frequently.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

42. I plan to take rapid action and initiate appropriate treatment when sepsis is suspected in my patients and/or residents.

- Strongly disagree
- Disagree
- Neither agree nor disagree
- Agree
- Strongly agree

43. What are the barriers you experience to taking rapid action and initiating appropriate treatment when sepsis is suspected in your patients and/or residents? (choose all that apply)

- I am not confident I can identify the signs and symptoms of sepsis.
- It is not my role to identify sepsis and/or to alert the clinician in charge.
- I do not know how to alert the clinician in charge (it is not me).
- I do not have any barriers.
- I am not comfortable alerting the clinician in charge (it is not me).
- I have not had to take rapid action in my role.
- Other (please specify)

44. [ALL HCPs] In the last 2 months, have you looked for information about infections that can lead to sepsis, or sepsis?

- Yes
- No
- Do not know/cannot recall

45. To whom or where do you go to learn about infections that can lead to sepsis, and/or sepsis? (select all that apply)

- Colleagues, other HCPs
- Centers for Disease Control and Prevention (CDC) website or material. Please specify: \_\_\_\_\_
- Peer-reviewed journals (Printed or online). Please specify: \_\_\_\_\_
- Health websites/health-related mobile apps (WebMD, Mayo Clinic, Medscape, UpToDate, etc.). Please specify: \_\_\_\_\_
- Medical conferences. Please specify: \_\_\_\_\_
- Local/state health departments
- Medical or professional associations. Please specify: \_\_\_\_\_
- My place of work.
- Continuing education/medical education/training courses (CE/CME, etc.). Please specify: \_\_\_\_\_
- Social media (Facebook, Instagram, Twitter, LinkedIn). Please specify: \_\_\_\_\_
- Sepsis organizations (Sepsis Alliance, etc.). Please specify: \_\_\_\_\_
- I have not looked for information on this topic.
- Other (please specify)

46. Do you have Infection Prevention and Control (IPC) practices/guidelines at your facility?

- Yes
- No
- Don't know

47. Do you know the content of the Infection Prevention and Control (IPC) practices/guidelines at your facility?

- Yes
- No

48. Do you have a sepsis protocol at your facility?

- Yes
- No
- Don't know

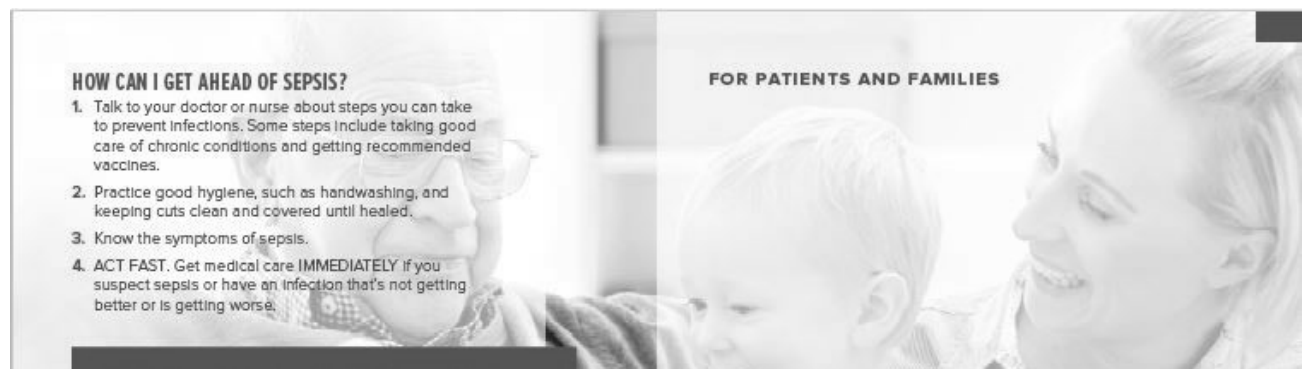
49. Do you know the content of your facility's sepsis protocol?

- Yes
- No

50. Did you know that the U.S. Centers for Disease Control and Prevention (CDC) has a *Get Ahead of Sepsis* webpage with resources you can use to help educate your patients about preventing infections that can lead to sepsis, and sepsis?

- Yes
- No

51.



**HOW CAN I GET AHEAD OF SEPSIS?**

1. Talk to your doctor or nurse about steps you can take to prevent infections. Some steps include taking good care of chronic conditions and getting recommended vaccines.
2. Practice good hygiene, such as handwashing, and keeping cuts clean and covered until healed.
3. Know the symptoms of sepsis.
4. **ACT FAST.** Get medical care **IMMEDIATELY** if you suspect sepsis or have an infection that's not getting better or is getting worse.

**FOR PATIENTS AND FAMILIES**

Sepsis is a medical emergency. Time matters. If you or your loved one suspects sepsis or has an infection that's not getting better or is getting worse, ask your doctor or nurse, "Could this infection be leading to sepsis?"

To learn more about sepsis and how to prevent infections, visit [www.cdc.gov/sepsis](http://www.cdc.gov/sepsis).



PubNo 300402

## IT'S TIME TO TALK ABOUT SEPSIS.

Infections put you and your family at risk for a life-threatening condition called sepsis.

**GET AHEAD**  
of **SEPSIS**

KNOW THE RISKS. SPOT THE SIGNS. ACT FAST.



### WHAT ARE THE SYMPTOMS?

Symptoms of sepsis can include any one or a combination of the following:



More than **1.5 million** people get sepsis each year in the U.S.

At least **250,000** Americans die from sepsis each year.

### WHAT IS SEPSIS?

Sepsis is the body's extreme response to an infection. It is life-threatening, and without timely treatment, sepsis can rapidly lead to tissue damage, organ failure, and death.

Sepsis happens when an infection you already have—in your skin, lungs, urinary tract or somewhere else—triggers a chain reaction throughout your body.

### WHAT CAUSES SEPSIS?

When germs get into a person's body, they can cause an infection. If that infection isn't stopped, it can cause sepsis.

### WHO IS AT RISK?

Anyone can get an infection, and almost any infection can lead to sepsis. Some people are at higher risk of infection and sepsis:

- Adults 65 or older
- People with chronic conditions, such as diabetes,

<p><b>CONFUSION OR DISORIENTATION</b></p>  <p><b>FEVER, OR SHIVERING, OR FEELING VERY COLD</b></p>	<p><b>SHORTNESS OF BREATH</b></p>  <p><b>EXTREME PAIN OR DISCOMFORT</b></p>	<p><b>HIGH HEART RATE</b></p>  <p><b>CLAMMY OR SWEATY SKIN</b></p>	 <p>lung disease, cancer and kidney disease</p> <ul style="list-style-type: none"> <li>• People with weakened immune systems</li> <li>• Children younger than one</li> </ul> <p>The most frequently identified germs that cause infections that can develop into sepsis include <i>Staphylococcus aureus</i> (staph), <i>Escherichia coli</i> (E. coli), and some types of <i>Streptococcus</i>.</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Please select how often in the past 2 months you used this brochure to educate your patients about sepsis?

- I did not use this
- Rarely
- Sometimes
- Often
- Always
- Do not know

52. How helpful for you was this brochure in educating your patients about sepsis?

- |                                        |                                          |
|----------------------------------------|------------------------------------------|
| <input type="radio"/> Very helpful     | <input type="radio"/> A little helpful   |
| <input type="radio"/> Helpful          | <input type="radio"/> Not at all helpful |
| <input type="radio"/> Somewhat helpful |                                          |

## 4 WAYS TO GET AHEAD OF SEPSIS

**GET AHEAD**  
of SEPSIS

KNOW THE SIGNS. SPOT THE SIGNS. ACT FAST.

Infections put you and your family at risk for a life-threatening condition called sepsis. Sepsis is the body's extreme response to an infection. It is life-threatening, and without timely treatment, sepsis can rapidly lead to tissue damage, organ failure, and death. Sepsis happens when an infection you already have—in your skin, lungs, urinary tract or somewhere else—triggers a chain reaction throughout your body.

Anyone can get an infection, and almost any infection can lead to sepsis.

### 1 PREVENT INFECTIONS

Talk to your doctor or nurse about steps you can take to prevent infections.



Take good care of chronic conditions



Get recommended vaccines

### 2 PRACTICE GOOD HYGIENE

Remember to wash your hands and to keep cuts clean and covered until healed.



Handwashing



Keep cuts clean and covered until healed.

### 3 KNOW THE SYMPTOMS

Symptoms of sepsis can include any one or a combination of these:



Confusion or disorientation



Shortness of breath



High heart rate



Fever or shivering, or feeling very cold



Extreme pain or discomfort



Clammy or sweaty skin

### 4 ACT FAST

Get medical care IMMEDIATELY if you suspect sepsis or have an infection that's not getting better or is getting worse.

Sepsis is a medical emergency. Time matters.

To learn more about sepsis and how to prevent infections, visit [www.cdc.gov/sepsis](http://www.cdc.gov/sepsis).



53. Please select how often in the past 2 months you used this fact sheet to educate your patients about how to get ahead of sepsis?

- I did not use this
- Rarely
- Sometimes
- Often
- Always
- Do not know

54. How helpful for you was this fact sheet in educating your patients about sepsis?

- Very helpful
- Helpful
- Somewhat helpful
- A little helpful
- Not at all helpful

## PROTECT YOUR PATIENTS FROM SEPSIS.

**GET AHEAD**  
of SEPSIS

KNOW THE SIGNS. SPOT THE SIGNS. ACT FAST.

Infections put your patients at risk for sepsis. Be alert to the signs and symptoms, and when suspected, act fast.

Sepsis is the body's extreme response to an infection. It is life-threatening, and without prompt treatment, often rapidly leads to tissue damage, organ failure, and death.

SEPSIS  
STATS

More than  
**1.7 MILLION**  
adults develop sepsis  
each year in the U.S.

Nearly  
**270,000**  
Americans die from  
sepsis each year

About  
**1 IN 3 PATIENTS**  
who die in a hospital  
have sepsis

WHAT  
CAUSES  
SEPSIS?

The most frequently identified pathogens that cause infections that can develop into sepsis include *Staphylococcus aureus* (staph), *Escherichia coli* (E. coli), and some types of *Streptococcus*.

**SEPSIS:** Four types of infections that are often treated with sepsis:

Anyone can get an infection, and almost any infection can lead to sepsis. Some people are at higher risk of infection and sepsis:

**WHO IS AT RISK?**

- 65+** Adults 65 or older
- People with chronic medical conditions, such as diabetes, lung disease, cancer, and kidney disease
- People with weakened immune systems
- Children younger than one

55.

**WHAT ARE THE SIGNS AND SYMPTOMS OF SEPSIS?**

Signs and symptoms can include any one or a combination of the following:

- Confusion or disorientation
- Shortness of breath
- High heart rate
- Fever or shivering, or feeling very cold
- Extreme pain or discomfort
- Clammy or sweaty skin

**HOW CAN I GET AHEAD OF SEPSIS?**

Healthcare professionals can:

- Know sepsis signs and symptoms to identify and treat patients early.
- Act fast if you suspect sepsis.
- Prevent infections by following infection control practices (e.g., hand hygiene, catheter removal) and ensuring patients receive recommended vaccines.
- Educate your patients and their families about:
  - Preventing infections.
  - Managing chronic conditions.
  - Keeping cuts clean and covered until healed.
  - Recognizing early signs and symptoms of worsening infection and sepsis and seeking immediate care if present.

Sepsis is a medical emergency. Protect your patients by acting fast. Your fast recognition and treatment can increase your patients' chances of survival.

**WHAT SHOULD I DO IF I SUSPECT SEPSIS?**

Know your facility's existing guidance for diagnosing and managing sepsis.

- Immediately alert the clinician in charge if it is not you.
- Start antibiotics as soon as possible, in addition to other therapies appropriate for the patient.
- Check patient progress frequently. Reassess antibiotic therapy within 24-48 hours to stop or change therapy as needed. Be sure antibiotic type, dose, and duration are correct.

Learn more about sepsis and how to prevent infections:  
[www.cdc.gov/sepsis](http://www.cdc.gov/sepsis).

**KNOW THE RISKS. SPOT THE SIGNS. ACT FAST.**

PubNo. 200427

Please select how often in the past 2 months you used this fact sheet to educate yourself or your colleagues about sepsis?

- I did not use this
- Rarely
- Sometimes

- Often
- Always
- Do not know

56. How helpful for you was this fact sheet in educating your patients about sepsis?

- Very helpful
- Helpful
- Somewhat helpful
- A little helpful
- Not at all helpful

57. Why have you not used CDC *Get Ahead of Sepsis* resources to educate your patients about sepsis?  
(select all that apply)

- I did use CDC Get Ahead of Sepsis resources to educate my patients, but they were not the ones shown above. (What resources did you use? (specify: \_\_\_\_\_))
- I do not usually use patient education resources when educating my patients on any topics
- I/my organization has my/our own resources
- I use resources developed by other organizations
- I forget to use them
- I do not have time to use them
- I do not know where to find these resources
- I looked at them, but did not find them helpful
- I am not familiar enough with these resources to feel comfortable using them
- Do not know
- Other (please specify)



**Media Use and Habits [POST-TEST, UNEXPOSED ONLY]**

**We would like to ask you a few questions about your media use and habits.**

58. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Read printed magazines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read printed newspapers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read brochures or flyers on health topics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read other printed media (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other printed media (please specify)

59. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Use Facebook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use Instagram	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use Twitter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use LinkedIn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use YouTube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use other social media (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other social media (please specify)

60. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Read health websites /resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read news online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read magazines online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Listen to internet radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watch TV/movies using streaming services (e.g., Netflix, Hulu, [Amazon] Prime Video)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read blogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use search engines (e.g., Google)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit other websites (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other printed websites (please specify)

61. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Watch television (cable, satellite, or antenna)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Listen to broadcast radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Listen to satellite radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Watch or listen to other TV or radio media (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other TV or radio media (please specify)

62. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
See billboards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use buses, subways, or trains	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use taxi cabs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shop in malls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shop in grocery stores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shop in pharmacies (e.g., CVS, Walgreens, Walmart)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit other public places (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other public places (please specify)

63. In an average month, how often do you...

	1-2 times a day	Once a week	1-3 times a month	Less than once a month	Never	Do not know/cannot recall
Read emails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Read email newsletters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Listen to webcasts or webinars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend live events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use other media (please specify: _____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other media (please specify)

64. To whom or where do you go to learn about infections that can lead to sepsis, and/or sepsis? (select all that apply)

- |                                                                                                                                              |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Colleagues, other HCPs                                                                                              | <input type="checkbox"/> Medical or professional associations. Please specify:<br>_____                                |
| <input type="checkbox"/> Centers for Disease Control and Prevention (CDC) website or material. Please specify: _____                         | <input type="checkbox"/> My place of work.                                                                             |
| <input type="checkbox"/> Peer-reviewed journals (Printed or online). Please specify:<br>_____                                                | <input type="checkbox"/> Continuing education/medical education/training courses (CE/CME, etc.). Please specify: _____ |
| <input type="checkbox"/> Health websites/health-related mobile apps (WebMD, Mayo Clinic, Medscape, UpToDate, etc.). Please specify:<br>_____ | <input type="checkbox"/> Social media (Facebook, Instagram, Twitter, LinkedIn). Please specify: _____                  |
| <input type="checkbox"/> Medical conferences. Please specify: _____                                                                          | <input type="checkbox"/> Sepsis organizations (Sepsis Alliance, etc.). Please specify:<br>_____                        |
| <input type="checkbox"/> Local/state health departments                                                                                      | <input type="checkbox"/> I have not looked for information on this topic.                                              |
| <input type="checkbox"/> Other (please specify)                                                                                              |                                                                                                                        |

## Demographic Characteristics

**Thank you. Now we would like to know more about you.**

65. How long have you worked in your current role/position?

- Less than one year
- 1-5 years
- 6-9 years
- 10 or more years
- Prefer not to answer

66. What is your sex?

- Male
- Female
- Prefer not to answer
- Do not know

67. How would you describe your racial background? Select all that apply.

- White
- Black or African American
- Asian
- Native Hawaiian or Other Pacific Islander
- American Indian or Alaska Native
- Prefer not to answer
- Other (please specify)

68. Are you Hispanic or Latino?

- Yes
- No
- Prefer not to answer

69. What is the highest degree you have received? (Please select only one)

- High school Degree/GED
- Associates Degree
- Bachelors Degree
- Masters degree
- Professional degree (MD, JD, etc.)
- Doctorate degree



**Thank you for taking the time to participate in this important survey!**

**To learn more about infection prevention and sepsis, please visit [www.cdc.gov/sepsis](http://www.cdc.gov/sepsis).**