



# SEPSIS ALLIANCE®

*Suspect Sepsis. Save Lives.™*

## **Sepsis and Aging Fact Sheet**

**Definition:** Sepsis is the body's overwhelming and life-threatening response to infection which can lead to tissue damage, organ failure, and death.

**Who it Hurts:** While sepsis is an equal-opportunity killer, impacting the sick, the well, and people of all ages; very young children, older adults, and those with a weakened immune system, are more likely to be affected,

**Prevention:** The risk of sepsis can be reduced by preventing infections; practicing good hygiene and staying current with vaccinations.

**Treatment:** Sepsis is a medical emergency that requires urgent attention and rapid treatment for survival. Sepsis can be treated in all cases, and in many instances lives are saved by utilizing existing and proven protocols.

**Recovery:** Many individuals recover fully from sepsis while many others have long-lasting effects, such as amputations or organ dysfunction, like kidney failure. Other after-effects of sepsis are less obvious, such as memory loss, anxiety or depression.

**Symptoms:** Symptoms of sepsis include:

**S** – Shivering, fever, or very cold

**E** – Extreme pain or general discomfort (“worst ever”)

**P** – Pale or discolored skin

**S** – Sleepy, difficult to rouse, confused

**I** – “I feel like I might die”

**S** – Short of breath

If you **suspect sepsis** (observe a combination of these symptoms) see your medical professional immediately, CALL 911, or go to a hospital with an advocate and say, **“I AM CONCERNED ABOUT SEPSIS.”**

### **Critical Facts for Seniors:**

- More than 80% of sepsis patients are 50 years of age or older.<sup>1</sup>
- More than 1.3 million adults 45+ are hospitalized with sepsis each year.<sup>2</sup>
- Adults age 65+ are 13 times more likely to be hospitalized with sepsis than adults younger than 65.<sup>3</sup>
- 63% of older adults 60+ admitted to the ICU present with sepsis upon admission.<sup>4</sup>
- In older adults, sepsis is 1.96 times more likely to result in readmission to a hospital than nonsepsis hospitalizations.<sup>5</sup>
- More than 40% of older patients have another hospitalization within three months of the initial sepsis, most commonly due to a repeat episode of sepsis or another infection.<sup>6,7</sup>

- Among older survivors of sepsis, 76% were more likely to be discharged to skilled nursing homes.<sup>8</sup>
- Nursing home residents are over 6 times more likely to have sepsis.<sup>9</sup>
- A majority (59%) of sepsis survivors age 50+ experience impaired cognitive or physical function, or both.<sup>10,11</sup>
- Older sepsis patients experience on average 1 to 2 new limitations on activities of daily living (e.g. bathing, dressing, managing money) after hospitalization.<sup>6</sup>
- Older severe sepsis survivors are at higher risk for long-term cognitive impairment and physical problems than others their age who were treated for other illnesses.<sup>10,11</sup>
- Sepsis is the leading cause of death in U.S. hospitals for people of all ages.<sup>12</sup>
- The vast majority of sepsis cases (as many as 92%) originate in the community, prior to hospitalization.<sup>12</sup>
- Mortality from sepsis increases by as much as 8% every hour that treatment is delayed. As many as 80% of sepsis deaths could be prevented with rapid diagnosis and treatment.<sup>13</sup>

### **Economic Cost:**

- Sepsis is the #1 cost of hospitalization in the U.S. consuming more than \$27 billion each year.<sup>14,15,16</sup>
- Sepsis readmissions have an average cost of over \$10,000, greater than for pneumonia, heart failure, COPD, or heart attacks.<sup>17</sup>
- The average cost per initial hospital stay for sepsis is \$18,400, double the average cost per stay across all other conditions.<sup>18</sup>

### **Awareness:**

- More than 40% of U.S. adults have NEVER heard of sepsis.<sup>19</sup>

**To find out more please visit [Sepsis.org](https://www.sepsis.org)**

### **Sources:**

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