

The Partnership for Sepsis and Aging (TPSA)

Protecting the Lives and Well Being of our Nation's
Older Adults (and their families)

Inaugural Meeting
March 20, 2024

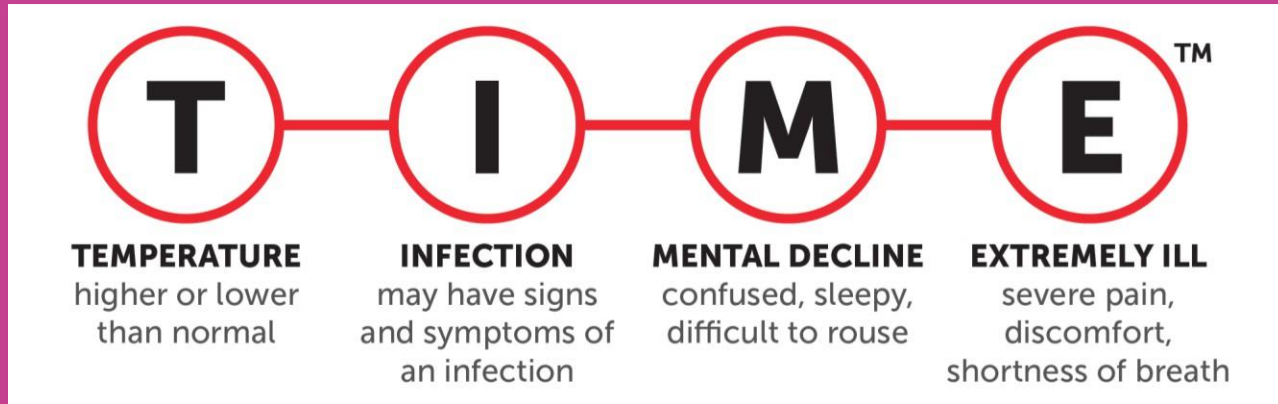
Welcome!

Today's Agenda:

1. Welcome & Overview - Greg Olsen, PFSA Chair
2. The Burden of Sepsis - Tom Heymann
3. Home Health and Sepsis - the New York State experience - Al Cardillo
4. Introduction to Sepsis Alliance - Tom Heymann
5. Our Call to Action on Sepsis - Greg Olsen, Becky Preve
6. Group Discussion and Q&A – Greg Olsen/All
7. Wrap Up and Next Steps – Greg Olsen

Sepsis

Is a life-threatening emergency that happens when your body's response to an infection damages vital organs and, often, causes death.



Critical Facts

- Every **90 seconds** someone in the U.S. dies of sepsis.¹
- Takes more children than cancer – **18 kids each day.** ¹
- **# 1 driver** of readmission to a hospital (30 days). ¹
- **1 in 4** hospital patients treated for sepsis is readmitted in the first 30 days after discharge due to weakened immune system. ¹
- **35%** of all deaths in-hospital are due to sepsis.

The Burden of Sepsis in the U.S.

- Sepsis is the **#1** cause of deaths in U.S. hospitals.
- Sepsis is the **#1** cost of hospital and skilled nursing care - **\$62B/year!**
- Sepsis is the **#1** cause of hospital readmissions.
- Sepsis causes **14,000** amputations annually.
- Almost **60%** of sepsis survivors experience worsened cognitive, mental, and/or physical function.
- Maternal sepsis is the **2nd leading cause** of maternal death in the U.S.
- Each day more than 200 children are diagnosed with severe sepsis – **75,000** cases per year. 18 die each day.
- Black and "other nonwhite" individuals have nearly twice the incidence of sepsis as white individuals.



Sepsis is a Public Health Crisis

- 1,700,000 cases in the United States each year
- 350,000 adult deaths in the United States each year
- Sepsis is a leading **fatal complication** from **COVID-19**
- Like stroke, **sepsis** is a **MEDICAL EMERGENCY** that requires rapid identification and treatment to save lives and limbs
- **At Risk:**
 - Very young
 - Those with chronic disease and immune compromising conditions
 - Medically underserved, including people in lower-income neighborhoods, rural communities, and racial and ethnic minority communities.
 - Older adults



But anyone can get sepsis!

Anyone Can be a Victim of Sepsis



Mohammad Ali



Paul Allen



Brian Dennehy



Patty Duke



Erin Flatley



Whoopi Goldberg



Angelica Hale



Jim Henson



Larry King



Ashley Park



Amy Purdy



Christopher Reeve



Alex Smith



Rory Staunton



Dean Winters

Learn more at FacesofSepsis.org

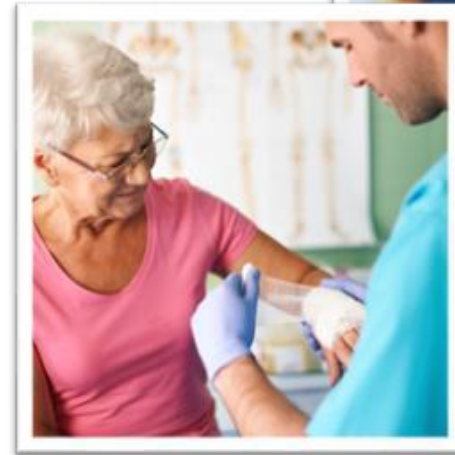
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Sepsis.org



The Burden of Sepsis on Older Adults

- More than **70%** of adult sepsis patients are **60 years** of age or older.
- More than **1.3 million** adults **45+** are hospitalized with sepsis each year.
- Adults aged 65 and older are **13 times more likely to be hospitalized** with sepsis than people younger than 65.
- Nursing home residents are over **6 times more likely** to present with sepsis in the emergency room than non-nursing home residents.
- Adults aged 65 and older are **less likely to return home** (54%) following their hospital stay.
- Older sepsis survivors (65+) experience on average 1 to 2 **new limitations on activities of daily living** (e.g., bathing, dressing, managing money) after hospitalization.
- 59% of sepsis survivors aged 65 and older experience **more severe long-term cognitive and physical disability**.
- In the United States, **three-fourths of all sepsis deaths** are in patients 65 years of age or older.

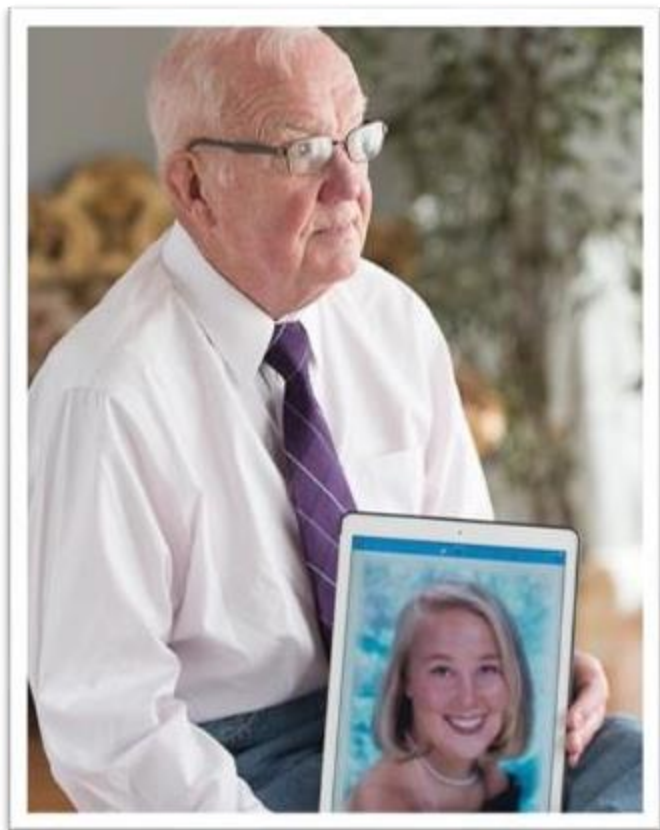


Taking Action Where Most Sepsis Originates

- At the Community Level

Home Care Association of New York State (HCA)

- 87% of sepsis cases originate in community.
- Sepsis most readily treatable when recognized early and intervention started early.
- Home health population mirrors the high risks for sepsis (older/younger age, physical conditions/diseases highly correlating to sepsis, UTI, pneumonia, COPD, catheters, picc lines, post-surgical, post-partum, etc.)
- #1 cause of hospital readmissions; 50% mortality within the first week of community admission to hospital; over 30% readmission to hospital within first 30 days; over 45% after 30 days; implications potentially devastating to long term health, survival, avoidance of institutionalization.
- Home health/community agencies and clinicians are best positioned for early recognition, intervention, prevention, education.
- 2010 Sepsis Alliance outreach to HCA.
- 2012 Rory Staunton / Hospital Protocols.
- HCA partner with Sepsis Alliance, IPRO and Rory Staunton Foundation to develop program and clinical response.
- Created Sepsis Screening and Intervention Tool for home care -- clinical tool, algorithm, patient education zone tool, protocol.
- Conducted statewide outreach, education, training, assistance to providers to adopt tool.
- Partnered w/NY SOFA to promote, educate, screen, intervene; convened all-sector steering committee to guide.
- Continuous expansion: Created iteration for pediatric sepsis; created training module for paraprofessionals and special care settings, created modules for infection prevention and control teaching for patients and family caregivers.
- Promoting cross-sector collaboration and coordination.



Sepsis Alliance Founder Carl Flatley, DDS, MSD with daughter, Erin

About Sepsis Alliance

FOUNDED IN 2007

- Started out of a personal tragedy and national need
- Nation's first and leading sepsis patient advocacy organization
- Co-founded Global Sepsis Alliance 2010
- Serving the needs and interests of sepsis patients
- Trusted partner to patients, healthcare providers, researchers, government, and industry
- Focus on: Infection Prevention, Early recognition and treatment, HAIs, AMR, Health Equity
- Mission: Save lives and reduce suffering by educating the public and leading an alliance of patients, healthcare professionals, and partners committed to preventing and curing sepsis.



Sepsis Alliance earns top rankings from Great Nonprofits, Guidestar, and Charity Navigator for transparency and accountability.



Why are so many people being harmed by sepsis?

1. The public does not know what sepsis is.



- Patients and caregivers do not know the importance of infection prevention and when to seek care.
- Treatment can be dangerously delayed.

2. Our health systems are not sufficiently focused on sepsis.



- Healthcare providers and facilities lack sufficient focus on sepsis care.
- Provider and patient education is lacking.
- Sepsis is often diagnosed too late or missed altogether.

3. Government is not adequately addressing the burden of sepsis.



- Government regulation, legislation, and appropriations are not aligned with the burden of sepsis.
- Sepsis research funding and regulations are lagging.

4. Innovation is not sufficiently meeting the sepsis challenge.



- Sepsis is not well understood.
- Innovation is not progressing quickly enough.
- Clinicians, researchers and industry lack access to the diagnostics, therapies, and data needed.

The Sepsis Alliance Response – 4 Strategic Pillars

1. Public Awareness, Education, and Support



- Providing tools and resources to increase sepsis awareness.
- 2 million+ visitors to sepsis.org annually.
- Providing support resources for sepsis survivors, caregivers, and loved ones.

2. Provider Education and Training



- Providing the training and education for healthcare professionals to more quickly diagnose and treat sepsis.
- Quality improvement
- 45,000 registered learners in Sepsis Alliance Institute

3. Policy and Advocacy



- Engaging change-makers in government, to provide the needed legislation and regulatory support
- Engaging advocates across the country to drive change.

4. Innovation



- Convening stakeholders to catalyze a research agenda to drive innovation
- FDA – facing collaborative community
- Advancing a National Sepsis Data Trust

Sepsis Observances

September is Sepsis Awareness Month.

In 2011, Sepsis Alliance declared September to be Sepsis Awareness Month, an annual opportunity for individuals, healthcare professionals, and organizations big and small to help save lives by raising awareness of the leading cause of deaths in U.S. hospitals – sepsis.

Three new observances were launched in 2019 to highlight the experiences and challenges around surviving sepsis, sepsis in children, and sepsis in pregnant people



Sepsis Survivor Week
February 11– 17, 2024
SepsisSurvivorWeek.org



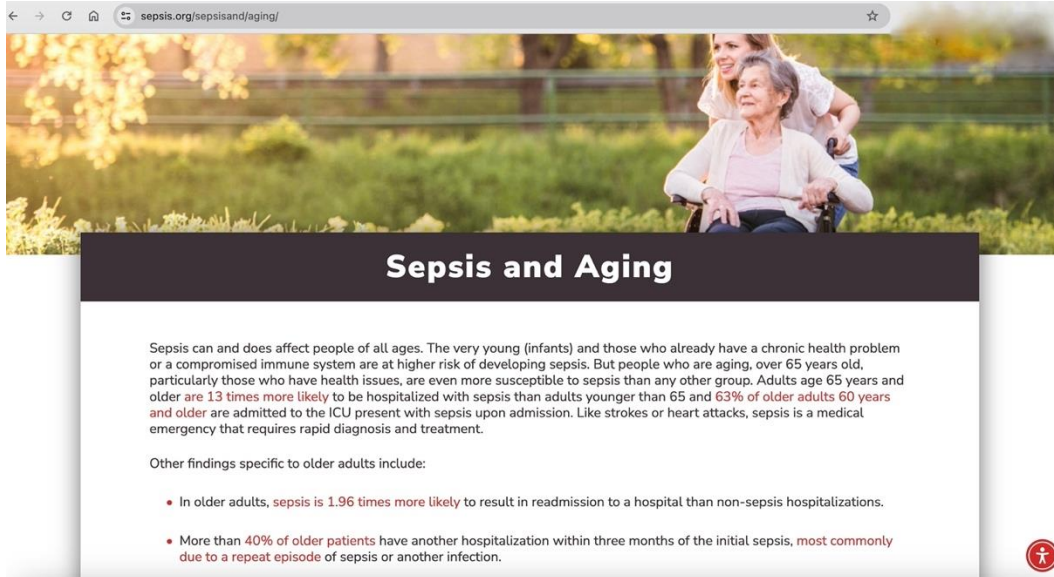
Pediatric Sepsis Week
April 21 – 27, 2024
PediatricSepsisWeek.org



Maternal Sepsis Week
May 12 – 18, 2024
MaternalSepsisWeek.org

[Learn more at SepsisAwarenessMonth.org](http://SepsisAwarenessMonth.org)

Sepsis Alliance Resources



Sepsis and Aging

Sepsis can and does affect people of all ages. The very young (infants) and those who already have a chronic health problem or a compromised immune system are at higher risk of developing sepsis. But people who are aging, over 65 years old, particularly those who have health issues, are even more susceptible to sepsis than any other group. Adults age 65 years and older are 13 times more likely to be hospitalized with sepsis than adults younger than 65 and 63% of older adults 60 years and older are admitted to the ICU present with sepsis upon admission. Like strokes or heart attacks, sepsis is a medical emergency that requires rapid diagnosis and treatment.

Other findings specific to older adults include:

- In older adults, sepsis is 1.96 times more likely to result in readmission to a hospital than non-sepsis hospitalizations.
- 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.



SEPSIS AND AGING

Sepsis can and does affect people of all ages. However, more than 80% of sepsis cases occur among people aged 50 years and older.

Often incorrectly called blood poisoning, sepsis is the body's often deadly response to infection. Sepsis kills and disables millions and requires early recognition and rapid treatment for survival. Like strokes or heart attacks, sepsis is a medical emergency that requires rapid diagnosis and treatment.

If left untreated, sepsis can progress to septic shock and death. Worldwide, one-third of people who develop sepsis die. Many who do survive are left with a number of physical and psychological problems, such as amputations, memory, pain, post-traumatic stress disorder, and more. This is post-sepsis syndrome (PSS).

Urinary tract infections (UTIs), infections can also happen through abscessed teeth or sores on the skin, either from a simple skin tear because the skin may be dry or fragile, or a pressure injury from sitting in a wheelchair or lying in bed.

It's not always easy to spot infections among older people. For example, symptoms of a UTI usually include frequent urination, burning or pain while urinating, and cloudy and foul-smelling urine. For many seniors though, the first sign of a UTI is a change in mental status - they become confused or disoriented.

WHY IS SEPSIS SO SERIOUS?

Sepsis is a very serious illness for anyone at any age, but it can be particularly devastating for seniors. According to a recent study, 50% of people over the age of 60 experienced a drop in cognitive (mental) and/or physical function after having sepsis. This can make it impossible for them to return to their previous living arrangements and often results in admission into long-term healthcare facility. As well, the risk of dying from sepsis shock rises as you get older.

Sepsis also doesn't affect just the patient; researchers have discovered: A study published in 2012 found that wives of older sepsis survivors had 3 times to four times higher risk of depression than average.

SEPSIS INFORMATION GUIDE: SEPSIS AND AGING



SEPSIS AS YOU AGE

SEPSIS ALLIANCE



WHAT IS SEPSIS?

Sepsis is the body's over-exaggerated and life-threatening response to infection, which can lead to tissue damage, organ failure, and death.

What are the signs and symptoms of sepsis?

Sepsis is a body response to an infection. There is no single sign or symptom of sepsis. It is, rather, a combination of symptoms.

Symptoms can include ANY of the following:

- T Temperature:** Higher or lower than normal
- I Infections:** May have signs and symptoms of an infection
- M Mental Decline:** Confused, drowsy, difficult to rouse
- E Extremely Ill:** Severe pain, discomfort, shortness of breath

SEPSIS IS A MEDICAL EMERGENCY. IF YOU SUSPECT SEPSIS, CALL 9-1-1 OR GO TO A HOSPITAL RIGHT AWAY.

To learn more about sepsis, or to read tributes and survivor stories, visit us online at [Sepsis.org](https://sepsis.org)

SEPSIS ALLIANCE

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Learn more at [Sepsis.org](https://sepsis.org)

New York State (NYS) Office for the Aging and Association on Aging in NYS Action Plan

1. Trained Aging Network on SEPSIS – data and signs and symptoms
2. Get Sepsis Zone Tool out to Aging Network
 - Provide Sepsis Facts out to AAA's and others for community events
3. NYSOFA – weekly/monthly “Sepsis – Get The Facts” Blasts via social media and statewide newsletter
4. NYSOFA Public Education Campaign
5. Create a Sepsis Section on NYSOFA Website that links Directly to HCA Site

New York State (NYS) Office for the Aging and Association on Aging in NYS Action Plan

1. Provided Sepsis Signs and Symptoms at Great NYS Fair - Reaches 6,000 older New Yorkers and caregivers
2. Send out Sepsis Webinar and select tools to Aging Network
3. Develop Sepsis PSA (NYSOFA/HCA) for distribution among all our networks
4. Center for Aging and Disability Education & Research at Boston University – SEPSIS Training for Case managers in partnership with Sepsis Alliance
5. Facebook live – sepsis awareness month and sepsis survivors week/ annually
6. Adding signs and symptoms to our comprehensive assessment tool

How Can a AAA Help?

1. Fact Sheet distribution signs and symptoms:
 - Congregate meal sites
 - Home delivered meal deliveries
 - Caregiver programs
 - Public tabling and outreach events
 - Social media, website and newsletters
 - Subcontractors and vendors
2. Training direct line staff in signs and symptoms
3. Local newspapers, local TV and radio reporters

The Partnership For Sepsis and Aging (PFSA)

Discussion
Q&A

The Partnership For Sepsis and Aging (PFSA)

1. Are you currently doing any work to address sepsis in any way?

2. What would you like to see covered in upcoming meetings?

- Sepsis and Home Health
- Sepsis and Long-Term Care
- Healthcare Professional Training Resources
- Antimicrobial Resistance
- Sepsis and Infection Prevention
- Equity in Sepsis Care
- Community Education
- Sepsis Awareness Month
- Policy Initiatives at the State and Federal Level

3. Based on what you heard today, what might your interest be in your state around sepsis for:

- Public Awareness and Education
- Healthcare Professional (HCP) Training
- Quality Improvement
- Policy Initiatives
- Funding

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Next Steps:

Survey and resources links

- Let us know about your state's needs
- Share with your peers and peer organizations in your state

The Partnership For Sepsis and Aging (PFSA)

Thank you!

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Tom Heymann, President & CEO, Sepsis Alliance theymann@sepsis.org

Al Cardillo, PFSA Steering Committee

Alex Colvin, Director Marketing & Communications, Sepsis Alliance

Matt Prol, Director of Corporate Development, Sepsis Alliance