

- I. Sepsis-Scope of the Problem**
 - a. Core messages for all:** prevalence, high morbidity/mortality
 - i. <https://www.cdc.gov/sepsis/basic/index.html>
 - ii. <https://www.health.ny.gov/diseases/conditions/sepsis/> (sepsis overview)
 - b. Supplementary for physicians:** New York State adult and pediatric mortality and trend
 - i. <https://www.health.ny.gov/diseases/conditions/sepsis/> (See **Hospital Quality Performance Reports**)
- II. Rory Staunton’s Regulations:**
 - a. Core messages for all:** NYSDOH improvement initiative rationale
 - b. Supplementary for hospital physicians:** NYS hospital protocol and reporting requirements
 1. 10 NYCRR 405.2: <https://regs.health.ny.gov/content/section-4052-governing-body>
 2. 10 NYCRR 405.4: <https://regs.health.ny.gov/content/section-4054-medical-staff>
- III. Causes of Sepsis**
 - a. Core messages for all:** any infection can cause sepsis; some groups are at higher risk (extremes of age, chronic conditions, immune suppressed), common sites of infection associated with infection
 - i. <https://www.cdc.gov/sepsis/basic/index.html>
 - ii. <https://www.cdc.gov/sepsis/datareports/index.html>
 - iii. <https://rorystauntonfoundationforsepsis.org/sepsis-fact-sheet/>
 - iv. https://rorystauntonfoundationforsepsis.org/sepsis_and_aging/
 - b. Supplementary for physicians:** common organisms associated with sepsis, at-risk populations
- IV. Early Recognition of Sepsis**
 - a. Core message for all:** no single test for sepsis, signs/symptoms of sepsis
 - i. https://rorystauntonfoundationforsepsis.org/sepsis_and_aging/
 - ii. <https://www.cdc.gov/sepsis/basic/index.html>
 - iii. <https://rorystauntonfoundationforsepsis.org/sepsis-fact-sheet/>
 - b. Supplementary for physicians:** types of sepsis (severe sepsis and septic shock) and definitions/criteria
 - i. Rhodes A, Evans LE et al. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2016. CCM 2017; 45(3): 487-552.
 - c. Supplementary for physicians-pediatric:** severe sepsis and septic shock in pediatric populations and differences from adult populations
 - i. Goldstein et al. International Pediatric Consensus Conference: Definitions for Sepsis and Organ Dysfunction in Pediatrics. Pediatr Crit Care Med 2005; 6(1): 2-8.
 - ii. Davis AL, Carcillo JA, Aneja RK et al. American College of Critical Care Medicine Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock. CCM 2017; 45 (6): 1061-1093.

- d. **Supplementary for home care/nursing facilities staff:** signs and symptoms in the elderly
 - i. Rowe TA, McKoy TM. Sepsis in Older Adults. Infect Dis Clin N Am 2017; 31:731-742.

V. Principles of Sepsis Treatment

- a. **For all:** rapid evaluation and treatment is critical
 - i. <https://www.cdc.gov/sepsis/basic/index.html>
 - ii. <https://www.cdc.gov/sepsis/get-ahead-of-sepsis/hcp-resources.html>
 - iii. <http://www.survivingsepsis.org/News/Pages/Antibiotics-for-Treating-Sepsis.aspx>
 - iv. <https://www.cdc.gov/drugresistance/>
 - v. <http://www.nejm.org/doi/full/10.1056/NEJMra1208623>
- b. **Supplementary for physicians:** rapid culture, antibiotics, lactate, hemodynamic support as appropriate
 - i. Rhodes A, Evans LE et al. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2016. CCM 2017; 45(3): 487-552.
- c. **Supplementary for physicians-pediatrics:** rapid fluids, culture, antibiotics and hemodynamic support as appropriate
 - i. Davis AL, Carcillo JA, Aneja RK et al. American College of Critical Care Medicine Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock. CCM 2017; 45 (6): 1061-1093.

VI. Patient Education and Prevention

- i. <https://www.cdc.gov/sepsis/prevention-activities/index.html>
- ii. <https://www.cdc.gov/sepsis/get-ahead-of-sepsis/hcp-resources.html>
- iii. <https://www.cdc.gov/sepsis/get-ahead-of-sepsis/patient-resources.html>
- iv. <https://www.sepsis.org/resources/infographics/>

Additional Resources:

<https://www.global-sepsis-alliance.org/>
<https://www.sepsis.org/>