



# SENECA COUNTY

## Emergency Medical Services



### Sepsis Alert Protocol

Effective 3/2/2017

- Scene Safety, Infection Control – wear Eye Pro, N95 Mask
- **Patient criteria for this therapy:**
  - History of Infectious process – UTI, Pneumonia, Fever, etc..
  - Suspected Infection or infectious process
  - Temp of greater than 100.4°F or less than 96°F
  - Age greater than 18
  - Altered Mental Status
  - Patient not obviously pregnant
  - Signs of Hypoperfusion
    - Systolic BP less than 90
    - Heart Rate above 100 or less than 60
  - **Inclusion Criteria – any 2 of the above with suspicion of Sepsis**
- **Treatment**
  1. Administer high-flow oxygen
    - a. NRB masks are to be used exclusively
  2. Establish IV access with two large-bore angiocaths and draw blood samples
    - a. Baseline blood values will be important
    - b. Administer IV fluid boluses (20 cc/kg), rapid infusion
    - c. Reassess after infusing 500-ml increments: Extreme caution in elderly, frail patients of small size, stature, and/or history of CHF – Listen to LUNG SOUNDS!!
      1. Blood pressure
      2. Breath sounds – repeat every 5-10 minutes
  - c. Contact med control if BP remains less than 90 systolic
- 3. Reassess patient on a regular basis. Document appropriately the following:
  - a. Vital signs—BP must be auscultated (do not rely on auto-cuff BP)
  - b. Breath sounds\* - very important
  - c. Capnography – continuous waveform capnography using Philips Monitor
  - d. Pulse oximetry
  - e. Blood sugar Finger Stick
  - f. Monitor cardiac rhythm
  - g. Document exact amount of fluid the patient receives (very important).
- 4. Scene times should be less than 15 minutes, with emergent transport to definitive care.
- **Consider the following: (expect a verbal order)**
- **Epinephrine Infusion 2-10 ug/min** to Maintain a Systolic BP of 90 – 100 mm Hg
- Notify the Receiving Hospital as **Early** as possible of a SEPSIS ALERT
  - Be Prepared for them to divert you to a more distant facility with greater capability of definitive treatment

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