#### SEPSIS CARD

# **Signs and Symptoms of Infection**

(Any 2 meets criteria)

- ⇒Heart Rate > 120
- **→**Temp > 38.3°C (100.9°F)
- **→**Temp < 36°C (96.8°F)
- **⇒**Respiration Rate >20
- **→**Altered Mental Status
- **⇒**Glucose > 120 (non-diabetic)

## <u>Sepsis</u>

- ⇒Signs/Symptoms of Infection plus
- **→**History suggestive of infection
  - **⇒**Pneumonia
  - **→**Meningitis
  - **→**Urinary Tract Infection
  - **⇒**Abdominal Pain/Diarrhea
  - **⇒**Cellulitis/Septic arthritis
  - **→**Wound infection
  - **→**Indwelling line

### **THEN**

**Consider Goal Directed Sepsis if -**

- **→**Oxygen Saturation < 90%
- **⇒**SBP <90 or MAP<65
- ⇒No UOP > 8 hours
- **→**Prolonged Bleeding

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## **Initial Management Actions**

- → High Flow Oxygen (100% NRB)
- →IV D50 Aim to get BG 100-150
- **→**Aggressive Fluid Resuscitation
- **⇒**Early Antibiotics
- **⇒**Early Intubation
- **⇒**Early Pressors (Levophed)

### **Lab Studies**

**⇒**CBC, CMP, ABG, Lactic Acid, **Blood & Urine Cultures, PTT, type** and screen.

## **Goal Directed Sepsis**

- ⇒If CVP <8mmHg Give Fluids until CVP is 8-12 mmHg, then...
- ⇒If MAP<65 or >90 Use Vasoactive medications, then...
- →If SvO2 < 70%
  - **⇒**Transfuse to crit >30 then use inotropes until SvO2>70%

If CVP > 8, MAP is between 65 and 90 and SvO2 >70% then....

**GOALS ACHIEVED** 

Newark Wayne Community Hospital

J.I.Syrett. MD. 2010.

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