Sepsis Quality Measures for Nursing Documentation

The Why

Our priority at Adventist Health is excellent care for the septic patient.

The following is the latest CMS Quality Measure.

Set Measure ID #: SEP-1. This CMS Regulation is effective October 1, 2015

Performance Measure Name: Early Management Bundle, Severe Sepsis/Septic Shock

Description: This measure focuses on adults 18 years and older with a diagnosis of severe sepsis or septic shock.

- Broad spectrum antibiotics within 3 hours of presentation.
- Blood cultures within 3 hours of presentation
- Initial lactate measurement within 3 hours of presentation. If > 2.0, repeat within 6 hours of presentation.
- Fluid resuscitation with 30 ml/kg bolus if in shock/hypotensive*.
- If hypotension* persists after above bolus, initiate vasopressor therapy within 6 hours of presentation of septic shock.
- For Septic Shock patients, document repeat assessment within 6 hours of presentation of shock.

Lactate

A new order sentence will be available in 3 options:

- New streamlined Sepsis Ordersets has a prechecked order:
  - Lactate STAT, if greater than 2.0, repeat in 3 hours.

- The lactate order in the Fever/Possible Sepsis Suphase will have the new order sentence.
- A single order Lactate will have the new order sentence as an option.
The Process

Alerts

1. Possible Sepsis Alert

If the Possible Sepsis Alert appears on the patient’s chart, evaluate patient and notify provider of the alert.
2. Possible Severe Sepsis Alert

If the Possible Sepsis Alert appears on the patient’s chart, evaluate patient and notify provider of the alert.

[Image of possible severe sepsis alert]

- **POSSIBLE SEVERE SEPSIS ALERT**
- **NAME:** ZZTEST, PJLVTETEST
- **DATE:** May 21, 2015 16:33:38 US/Pacific
- **MRN:** 3960
- **BIRTH DATE:** March 15, 1938
- **AGE:** 77 Years
- **LOCATION:** 03; 03 ICU_2; 16

The following clinical events suggest that your patient may have sepsis. Please assess the patient and notify the physician or Rapid Response Team as appropriate. The suggested Admit - Sepsis PowerPlan is available.

Early goal directed therapy is essential for the treatment of sepsis. Time dependent intervention may impact patient outcome.

[Click here] to open patient chart.

**SIRS Criteria**
- 05/21/2015 16:20 HR (120 bpm)
- 05/21/2015 16:20 RR (32 br/min)
- 05/21/2015 16:20 Temp (102.3 F)

**Organ Dysfunction**
- 05/21/2015 16:26 Lactic Acid (3 mmol/L)
3. **Mews Score Greater than 4**

If the **MEWS greater than 4** appears on the patient’s chart, evaluate patient and notify provider of the alert.

![Possible MEWS Alert](image1)

**DISCERN ALERT**

NAME: ZZTEST, LAKPATIENTD  
DATE: September 02, 2015 10:47:18 PDT  
MRN: 6106  
BIRTH DATE: June 06, 1933  
AGE: 82 Years  
LOCATION: 03; 03_JCU_1; 11  
**MEWS Score: 5.00**

**MEWS Criteria:**  
Systolic BP : 140 - 0 points  
Pulse rate : 120 - 2 points  
Respiratory rate : 20 - 1 point  
Temperature (F) : 102 - 2 points

Notify the charge nurse and assess this patient together to determine if further evaluation by the Rapid Response Team is needed. Please evaluate your patient using the Rapid Response Team View and notify the physician as needed. The following PowerPlans have been suggested for this patient: Emergency Response Orders and Rapid Response - Nsg Standard Proc. A future task has been created to evaluate your patient’s vital signs again in 30 minutes.
Sepsis Quality Measures for Nursing Documentation

MPages - Nursing Communication MPages

Sepsis Quality Measures can be found in Nursing Communication Mpage — Situation/Background tab

Or, it can be found in Nursing Communication Mpage — Recommendation tab

Updated 12/4/2017
by Learning Solutions
Severe Sepsis

For Severe Sepsis physician documentation, sepsis measure will display the following required orders:

1. Lactate Level
2. Blood Culture
3. Antibiotic

Date and time of the Orders will display when orders are placed.

Date & Time of med administration will display when med administration is completed in the MAR.
Lactate Level Result

If the initial Lactate level result is greater than 2.0 mmol/L, a repeat Lactic Acid order is required within 6 hours of initial severe sepsis presentation.

Link can be used to open the orders window, to place an order for repeat lactic acid (with an MD order).

Date and time of the Order will display when orders are placed.
Septic Shock

If the patient presents with Septic shock, resuscitation with 30 mg/kg crystalloid fluids is indicated.

Date & Time of med administration will display when med administration is completed in the MAR.

Repeat Vital Signs

Nursing to recheck patient’s vital signs after fluid bolus administration. Notify MD if hypotension persists after fluid administration or initial lactate >= 4 mmol/L, received within six hours of presentation of septic shock:

Hypotension

If hypotension persists after fluid administration, received within six hours of presentation of septic shock:

- Vasopressors Order is indicated