



## COHESIVE HEALTHCARE MANAGEMENT & CONSULTING

### Mangum Regional Medical Center

TITLE		POLICY
<b>Sepsis Protocol</b>		<b>DRP-011</b>
MANUAL	EFFECTIVE DATE	REVIEW DATE
<b>Drug Room</b>	<b>10-1-2020</b>	<b>10-1-2020</b>
DEPARTMENT	REFERENCE	
<b>Drug Room</b>	<b><a href="https://www.cdc.gov/sepsis/what-is-sepsis.html">https://www.cdc.gov/sepsis/what-is-sepsis.html</a></b>	

### SCOPE

This protocol applies to adult patients at Mangum Regional Medical Center that require treatment for sepsis.

### PURPOSE

As part of Mangum Regional Medical Center's antimicrobial stewardship program, the hospital is committed to developing protocols to assist with optimizing antimicrobial therapy for patients based on current practice guidelines and antimicrobial resistance patterns in the community.

### PROCEDURE

#### Nursing Orders:

- Vital signs every 15 minutes
- Pulse oximetry continuous
- Oxygen administration to keep saturation greater than or equal to 95%
- Cardiac Monitor continuous
- Neurovascular checks every 15 minutes
- Peripheral IV (Saline lock) #1
- Peripheral IV (Saline lock) #2

#### Labs:

- ABG
- Blood Culture # 1 (send out)
- Blood Culture # 2 (send out)
- CBC with differential
- CMP
- Lactic acid
- Lactic acid (repeat 1 hour later if initial Lactic acid is greater than 2.0 with IV fluids)
- Magnesium
- Phosphorus

- Procalcitonin (send out)
- PTT (send out)
- Troponin-I
- Urinalysis
- Urine culture and sensitivity (send out)

Radiology and Other Procedures:

- XR Chest AP
- ECG 12 Lead Panel

IV fluids:

- Sodium Chloride 0.9% 1000mL, 999mL/Hr Bolus
- Sodium Chloride 0.9% 1000mL, 999mL/Hr Bolus
- Sodium Chloride 0.9% 1000mL, 999mL/Hr Bolus
- Sodium Chloride 0.9% 1000mL over 30 minutes
- Sodium Chloride 0.9% 500mL over 15 minutes
- Sodium Chloride 0.9% 1000mL, \_\_\_\_\_ mL/Hr
- Lactated Ringers 1000mL, 999mL/hr Bolus
- Lactated Ringers 1000mL, \_\_\_\_\_ mL/Hr
- Sodium Chloride 0.9% 10mL Flush PRN for line patency

Antimicrobials:

- Azithromycin 500mg IV one-time order
- Aztreonam 1 gram IV one-time order
- Ceftriaxone 1 gram IV one-time order
- Ciprofloxacin 400mg IV one-time order
- Meropenem 500mg IV one-time order
- Vancomycin 1gram IV one-time order
- Zosyn 4.5gram IV one-time order

Vasopressors:

- Norepinephrine 4mg/D5W 250mL IV  
(Start \_\_\_\_\_ mcg/min and titrate as needed every 30 minutes to keep MAP greater than 60 mmHg)

## Norepinephrine (Levophed® 4mg/D5W 250mL) Dosing Chart

Dosed in mcg/min	Dose Rate in mL/Hr
0.5	2
1	4
2	8
3	11
4	15
5	19
6	22
7	26
8	30
9	34
10	38
11	41
12	45
13	49
14	52
15	56
16	60
17	64
18	68
19	71
20	75

### REFERENCES

<https://www.cdc.gov/sepsis/what-is-sepsis.html>

[https://www.sepsisinstitute.org/?gclid=EAIaIQobChMIv\\_Du\\_pro6QIVk8DACH1xnAqoEAAYAiAAEgJu7fD\\_BwE](https://www.sepsisinstitute.org/?gclid=EAIaIQobChMIv_Du_pro6QIVk8DACH1xnAqoEAAYAiAAEgJu7fD_BwE)

### ATTACHMENTS

None.

### REVISIONS/UPDATES

Date	Brief Description of Revision/Change