

Beebe Healthcare
Margaret H. Rollins School of Nursing
Nursing 202 – Advanced Concepts of Nursing

Unit 1 Part 1 – Day 1 Class Preparation Assignment

Watch the 2 Sepsis videos below and answer the following questions. Please submit to Mrs. Helsel's Dropbox by **Tuesday 2/6/24 @ 0830**.

“It’s Sepsis and You Know It”

<https://youtu.be/cGZcJ-z7GbA>

1. What symptoms brought the client to the emergency room?
Symptoms that brought the client to the ER include fast heartbeat, breathing real fast, decreased LOC, felt warm, UTI, low BP (84/44 map of 58), O2 84%, lactate 8, temp 35.2C, high blood sugar
2. Name 2 medications mentioned in the video that are used to treat sepsis.
Zosyn (abx), Levophed (BP), Insulin (hyperglycemia)
3. List 5 assessments mentioned in the video that suggest poor tissue perfusion.
 - Blood pressure
 - HR/Pulse
 - Temperature
 - Decrease urine output
 - Skin felt warm to touch
 - Respiratory issues (pt had mask on)
4. Name 2 reasons why a central line would be indicated to treat this patient.
 - Administration of vasopressors to help with BP
 - Long term abx
 - Nutritional support (TPN)/IV hydration
 - Frequent blood draws
 - IV needed for greater than 7 days

“Sepsy Back”

<https://youtu.be/2WPnP1YBCD8>

5. Fill in the blank: According to the video, “early identification and treatment of sepsis **will save lives**
5. What symptoms did the patient have that met SIRS criteria?
Decreased BP, breathing but is blue, tachycardia, temperature is 102 and left shift is present

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6. Name 3 common sources of sepsis and the corresponding diagnostic studies that were ordered

UA (bacteriuria), chest x-ray (pneumonia), blood cultures (bacteremia)

7. In the video, how much IV fluid was given before pressors were started?

4L bolus

8. What is “Vosyn” and why is it used to treat sepsis?

It is used to treat sepsis because they both are broad spectrum antibiotics that is used to treat many different types of infections. Sepsis can be caused by many different diseases/conditions such as PNA, UTI, CAUTI, CLABSI, or Peritonitis. Primary organisms of sepsis include both gram negative and gram positive and Zosyn is able to treat both negative and positive while vanc can only treat negative, but both can help treat underlying cause. Must draw cultures BEFORE starting antibiotics, once cultures identify organism then can start a more specific antibiotic. Until that happens, both Zosyn and Vanc give the patient and the doctors a “head start” of what may be causing sepsis to occur.

*****Zosyn, vanc = voysn tm*****