

## **ICU SIM: Sepsis Case Study**

### **Pre-SIM Preparation:**

**View** "Introduction to SimMan" video on YouTube

**Review** textbook information on sepsis, Lewis Med-Surg 10<sup>th</sup> ed., ch 66. **Watch** EdPuzzle ppt videos on ventilator settings.

**Complete** CADSCANS on the following IV medications: levophed gtt, fentanyl gtt, propofol gtt, zosyn IVPB, famotidine IVP, methylprednisolone IVP.

**Identify** top two priority problems for sepsis as well as 2 patient goals for each problem

**Bring** Nursing Care Plan book (and any other necessary texts) to clinical Simulation morning

**Research** patient "John French" in DocuCare.

What is the medical diagnosis?

Using the sepsis screening tool (**complete the highlighted yellow section**), does John French meet criteria?

What happened in the ED (CC, Dx, labs, etc.). Then what? (Review the operative note and H & P by selecting "Notes" tab. Also review the data under the "I/O" and "Vital Signs" tabs.

Now select the "Orders" tab to see the physician orders. (You can click on any green icons that appear with orders for links to Lippincott Advisor, Lippincott Procedures, and Lippincott Drug Book.) What are your current orders? IV gtt's and meds? Vent settings? Labs and Dx's?

Select "Diagnostics" tab for patient results. Be sure to select **both** the "Labs" tab and the "Other Diagnostics" tab that are in this section to see all results.

Describe what your vent settings mean

Interpret your ABG's with lactate.

Any abnormal labs? Why?

What are your top two patient problems?

What can we do for this patient? What will your interventions be? What are our care goals?

### **Pre-Conference:**

Be prepared to discuss what you have reviewed (see above guidelines)

### **Orientation to SIM environment:**

**Explanation** of patient, equipment, monitor, ventilator, IV pumps, time management by Mrs. Buoni

### **SIM Clinical:**

(See SIM clinical outline)

### **Post-Conference Debriefing:**

**Report** off to Mrs. Buoni

**Discuss** case study-

Changes in assessment

Clinical findings

Lab results

Plan of care/community resources

Identify 3<sup>rd</sup> priority problem