Covenant School of Nursing
Instructional Module 7 Learning Guide
Topics: Care of the Septic Patient & Shock Patient

Learning Goals/Outcomes

Upon completion of this lesson, you will be able to:

- Integrate the pathophysiology to the clinical manifestations of the different types of shock.
- Prioritize and implement primary nursing interventions for the clinical manifestations of SIRS, Sepsis, Septic Shock, DIC, HIT, and MODS.
- Analyze lab values in the care of the patient with sepsis, DIC, and HIT.
- Implement primary care strategies for the clinical manifestations of hypovolemic, cardiogenic, distributive, obstructive or combined shock.

Pre-Class Preparation

Required Reading:

- Information on Sepsis and Shock can be found in chapter 66 of Lewis, Medical Surgical Nursing (please also review Table 66-1, Table 66-3, Table 66-5)
- Review PowerPoint slides

Additional Resources:

- www.survivingsepsis.org/

Learning Activities

Classroom Activities:

- Lecture, discussion, case study, polling question and answer

Laboratory/Clinical Activities:

- Observe and/or care for patients suffering from or at risk for sepsis or shock in the clinical setting

Out of Class Activities:

- https://www.youtube.com/watch?v=emOgJCoUy6Q (SIRS/MODS 7:43 mins)
- https://www.youtube.com/watch?v=-bt-H5VQl5E (Septic Shock, 9:59 mins)
- https://www.youtube.com/watch?v=Eipht99mh0g (Understanding Shock, 10:31 mins)

Evaluation Methods

- Unit Exam
- In-classroom discussion and participation
- HESI proctored Exam

Texas DECs	***QSEN Competencies***
Knowledge IA2, IIA1a, IIA2a,b; IIB1a, 4, 5, IIB7, IIB11, IIC6, IID1a, 3, 4; 11E 2, 3, 4, 5, 13; IIF 1, 2, IIG 2a, 3a, IIIB1a-c, 2,IIID 1a-c, IIIE1 a-c, 2, IIIF 1a-c, 2 **Clinical Judgment/Behaviors** IA 1, 2, 3 a-b, IB 1 a, b, 6 a, b, 7, IC2, IIA1, 2a, b, 4, IIB2, 4, IIC 1, 4, 5, 7, IID 1, 2 a-d, 4, IIE 3 a, b, 4, 6 a-d, 7, 11, IIF1a-c, 2 a,b, 3 a, b, 4, 5a-c, 6, IIG 2b, 5 a, b, IIH 5 a, 6, IIIA2, 3, 4, IIIB2, 3a-c, 4, 5, 6, 9	Patient Centered Care Evidenced Based Care Teamwork and Collaboration
IM Student Learning Outcomes	***NCLEX Test Plan***
1,3,5,7,8	**Physiological integrity:** *Pharm & parenteral treatment*: adverse effects/contraindications/side effects/interactions; blood & blood products, expected outcomes actions/outcomes *Reduction of risk potential*: change/abnormalities in vital signs, lab values, potential for alteration in body systems *Physiological adaptation:* Alteration in body systems, fluid & electrolyte imbalance, illness management, pathophysiology, hemodynamics, illness management, pathophysiology
Concepts	***Faculty***
Acid Base Clotting Fluid and electrolyte balance Gas Exchange (Oxygenation) Immunity Nutrition Perfusion Sensory & Perception Thermoregulation Clinical Judgment Evidence-based practice Patient centered care	Paula Ponder MSN, RN Darla Smith, DNP, RN, NPD-BC
Date originated: *11/21/2016*	***Revision Dates:*** *4/5/2017, 11/8/2017, 4/03/2018, 4/9/2019, 9/30/2019, 4/20/2020, 3/9/2021*