

**Covenant School of Nursing**  
**Instructional Module 7 Learning Guide**  
**Topic: Care of the Multi-system trauma patient**  
**Week 2**

**Learning Goals/Outcomes**

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

- Perform the primary and secondary survey to a patient experiencing a medical, surgical, or traumatic emergency.
- Implement primary care for the patient experiencing increased intracranial pressure, traumatic brain injury, or intracranial bleed.
- Integrate concepts of neurogenic shock/autonomic dysreflexia into care provided the patient with a spinal cord injury.
- Prioritize nursing interventions in the management of the physiologic and psychosocial needs of the burn patient throughout the three burn phases.

**Pre-Class Preparation**

Required:

- Review the PowerPoint slides prior to class
- Selected reading from Lewis, Medical Surgical Nursing
- Chapters 24, 56, 60, and 68, pay attention to the tables

**HESI Skills: Emergency Collection**

- Emergency Primary Assessment - review the extended sheet and take the quiz prior to class
- Emergency Secondary Assessment - review the extended sheet and take the quiz prior to class

Additional Resources:

- <https://www.youtube.com/watch?v=YI66VLKCKso> ( Intracranial pressure)
- <https://www.youtube.com/watch?v=fyYT8wozccw> (Cerebral Perfusion Pressure)
- <https://www.youtube.com/watch?v=zxp1-okVig> (Anatomy of the Spinal Cord and How it Works)
- <https://www.youtube.com/watch?v=dkvOosC4ZLA> (Introduction to the Ascending and Descending Tracts of the Spinal Cord)
- <https://www.youtube.com/watch?v=Dsvtzwp4nG8> (Burn classification and treatment)

**Learning Activities**

Classroom Activities:

- Lecture
- Discussion
- Activities

Laboratory/Clinical:

Online/Out of Class activities:

In HESI please do these two skills prior to class

- Emergency Primary Assessment– review the extended sheet, watch video, and take the quiz
- Emergency Secondary Assessment– review the extended sheet, watch video, and take the quiz

**Evaluation Methods**

- Unit Exam

<ul style="list-style-type: none"> <li>• HESI</li> <li>• Classroom or online discussion</li> <li>• Clinical performance face to face or virtual</li> </ul>	
<b>Texas DECs</b>	<b>QSEN Competencies</b>
<b>Knowledge-</b> IA2, IIA1a, IIA2a,b, IIA4, IIB5, IIB7, IIB11, IIC6, IIC7, IID1abcde, IIIA1, IIIA4, IIIA4, IIIB4, IVC1, IVC5  <b>Clinical Judgments and Behaviors-</b> IB1abcde, IB5a, IIA2ab, IIB2, IIB2, IIB3a, IIB4, IIC4, IIC7, IID1, IIIA3, IIIB3abc, IIIB4, IVC4	Safety, Teamwork and collaboration, Patient centered care, Evidence-based practice, Informatics
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
1,2,3,4,5,6,7,8	Safe and Effective Care Environment-(Management of Care) Safety and Infection Control-(Accident/Error/Injury prevention) Psychosocial Integrity-(Abuse/Neglect) Pharmacological and Parenteral Therapies-(Blood and blood products)(Dosage Calculation) (Medication Administration) Reduction of Risk Potential-(System Specific Assessments) Physiological Adaptation-(Hemodynamics/Fluid and Electrolyte Imbalances/Alterations in Body Systems)
<b>Concepts</b>	<b>Faculty</b>
Intracranial Regulation, Mobility, Perfusion, Sensory/Perception, Tissue integrity, Cognition	<b>PPonder</b>
<b>Date originated: 5/10/16</b>	<b>Revision Dates: 11/17, 2/18, 3/19, 4/26/2020 2/16/2021, 3/29/2022</b>

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