

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=ewjeuJIY2To> (Josiah's Story)
- <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=zxpb1-okViQ> (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)

Learning Activities

Classroom Activities:

- Lecture
- Discussion
- Activities

Laboratory/Clinical:

Online/Out of Class activities:

- https://www.youtube.com/watch?v=F_5FaMI64y0 (Trauma 01 Primary Survey)
- <https://www.youtube.com/watch?v=6dknTWPbYBQ> (Trauma 02 Secondary Survey)
- <https://www.youtube.com/watch?v=HsXqi4-pCiY> (Burns: Classification and Treatment)

Evaluation Methods

- Unit Exam
- HESI
- Classroom or online discussion
- Clinical performance face to face or virtual

Texas DEC's	QSEN Competencies
Knowledge- IA2, IIA1a, IIA2a,b, IIA4, IIB5, IIB7, IIB11, IIC6, IIC7, IID1abcde, IIIA1, IIIA4, IIIA4, IIIB4, IVC1, IVC5 Clinical Judgments and Behaviors- 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
IM Student Learning Outcomes	NCLEX Test Plan
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)
Concepts	Faculty
Intracranial Regulation, Mobility, Perfusion, Sensory/Perception, Tissue integrity, Cognition	PPonder
Date originated: 5/10/16	Revision Dates: 11/17, 2/18, 3/19, 4/26/2020 2/16/2021

Instructional Module 7 Learning Guide

Topic: Care to the multi-System Trauma patient