

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.
- Provide 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:

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

Additional Resources:

- <https://www.youtube.com/watch?v=6Zd6IEC-eKs> (Anatomy of the Brain)
- <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=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)

Learning Activities

Classroom Activities:

- Lecture
- Case study
- 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 DECs | QSEN Competencies |
|--|---|
| <p>Knowledge- IA2, IIA1a, IIA2a,b, IIA4, IIB5, IIB7, IIB11, IIC6, IIC7, IID1abcde, IIIA1, IIIA4, IIIA4, IIIB4, IVC1, IVC5</p> <p>Clinical Judgments and Behaviors- IB1abcde, IB5a, IIA2ab, IIB2, IIB2, IIB3a, IIB4, IIC4, IIC7, IID1, IIIA3, IIIB3abc, IIIB4, IVC4</p> | <p>Safety, Teamwork and collaboration, Patient centered care, Evidence-based practice, Informatics</p> |
| IM Student Learning Outcomes | NCLEX Test Plan |
| <p>1,2,3,4,5,6,7,8</p> | <p>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)</p> |
| Concepts | Faculty |
| <p>Intracranial Regulation, Mobility, Perfusion, Sensory/Perception, Tissue integrity, Cognition</p> | <p>PPonder</p> |
| <p>Date originated: 5/10/16</p> | <p>Revision Dates: 11/17, 2/18, 3/19, 4/26/2020</p> |

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