Covenant School of Nursing
Instructional Module 7 Learning Guide
Topics: Cardiac Rhythm Analysis
Week 1

Learning Goals/Outcomes

Upon completion of these lessons, you will be able to:

- Integrate knowledge of anatomy and normal electrical conduction of the heart to identify dysrhythmias
- Employ the appropriate intervention for each dysrhythmia reviewed

Pre-Class Preparation

Required:

- Chapter 35-Dysrhythmias (please review tables)
- Review PowerPoint slides prior to class

HESI Skills: Emergency Collection

- Synchronized Cardioversion – review the extended sheet and take the quiz by midnight day one

HESI Skills: Critical Care Collection

- External Defibrillation - review the extended sheet and take the quiz by midnight day one

Rhythm Strip Analysis for practice

- Completion of this worksheet is required. Complete this worksheet and place in the drop box.

Additional Resources:

- Selected reading from Lewis, Medical Surgical Nursing
- https://www.proacls.com/training_video/the-cardiac-conduction-system
- https://www.youtube.com/watch?v=fZT9vlbL2uA
- https://www.youtube.com/watch?v=RYZ4daFwMa8

Learning Activities

Classroom Activities:

- Lecture
- ECG interpretation practice
- Discussion

Laboratory/Clinical:

- Care for an ED/ICU patient and review ECG rhythm strips and discuss appropriate interventions and nursing of care.
- Care for patients with current illness and discuss of care.

Online:

- https://youtu.be/RYZ4daFwMa8 (Cardiac Conduction System) [3 min]
- https://www.healthysimulation.com/5337/free-ecg-simulator-game/
- https://youtu.be/kZ-2NJRa0uw (ECG Strips for the NCLEX) [1hr & 5min]

Evaluation Methods

- In class or online discussion & participation
- HESI and Unit Exam
- During clinical at the bedside or online

Texas DECs	***QSEN Competencies***
Knowledge- IA2, IIA1a, IIA2a-b, IIA3-4, IIB1-11, IIC1-8, IIG1a, IIG3a-b, IIIB1-4, IVA1-5 **Clinical Judgments and Behaviors**- IA2, IA3a-b, IB5, IIA4, IIF1a-c, IIF4, IIF5a-c, IIF6, IIIC2b, IVC1-4, IVD1-4	• Patient-centered care • Evidence based practice • Teamwork and collaboration • Quality improvement and Safety
IM Student Learning Outcomes	***NCLEX Test Plan***
1, 2, 3, 4, 5, 6, 7, 8	• Safe and Effective Care Environment - *Management of Care* - *Advocacy* - *Client Right* - *Collaboration with Interdisciplinary* - *Safety & Infection Control* - *Accident/Error/Injury Prevention* - *Standard Precautions* • Health Promotion & Maintenance - *Lifestyle Choices* • Psychosocial Integrity - *Coping Mechanisms* - *Support Systems* • Physiological Integrity &Adaptation - Basic Care & Comfort - Nutrition & Hydration - Pharmacological & Parenteral Therapies - Reduction of Risk Potential - Hemodynamics - Illness management
Concepts	***Faculty***
Perfusion	***P. Ponder***
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