

Covenant School of Nursing
Instructional Module (2) Unit 1 Learning Guide
Topic: Central Venous Access Devices (CVADs)

Learning Goals/Outcomes

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

- Compare the various types of central venous access devices
- Recognize indications & potential complications of central venous access devices.
- Identify nursing interventions to prevent and treat complications of central venous access devices
- Perform a sterile CVAD dressing change in Simulation Lab

Pre-Class Preparation

Required:

1. **NII Book** – Central Venous Access Device Dressing Change

2. **HESI: - Clinical Skills Essentials: Watch Videos & Complete Quizzes:**
 - Peripherally Inserted Central Catheter Removal
 - Troubleshooting Vascular Access Device (CVAD)
- **Additional Resources:**
 - Two CVAD Dressing Change Videos posted in LMS
 - PICC Line Insertion Video posted in LMS

Learning Activities

Classroom Activities:

- Lecture
- Hands-on with equipment (different types of central lines, CVAD kit)
- Watch Central Line Dressing Change video

Laboratory/Clinical Activities:

- Create a sterile field using a sterile kit
- Demonstrate where sterile items can be placed on sterile field
- Demonstrate donning and doffing of sterile gloves
- Practice simulation of sterile central line dressing change

Out of Class Activities:

- Independent skills practice

Computer Assisted Activities:

- HESI assignments

Evaluation Methods

- Simulation observation by faculty
- Observation by faculty in clinical setting
- Unit exams
- CPE

Texas DEC's	QSEN Competencies
Knowledge: 1A4; IIC4a; IID1bc; IIE12; I; IVE3 Clinical Judgment: 1A1; 1B4a; IB6a; IID11; IIF1a; IIF5a; IIE12b	Patient Centered Care; Teamwork & Collaboration: Evidence-Based Practice, Safety
IM Student Learning Outcomes	NCLEX Test Plan
1,2,5,7,8	Safety & Infection Control; Standard Precautions/Transmission-Based Precautions/Surgical Asepsis
Concepts	Faculty
Professional Nursing concepts: Professional Nursing: Professionalism Professional Nursing Concepts: Healthcare Systems Evidence-Based Practice Safety	Lisa Davis, MSN, RN-BC
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