

**Covenant School of Nursing LVN-RN  
SIMULATION LEARNING GUIDE**

**Topic/Concept: Lab 1:** Med Surg Lab: CVL Dressing Change, CVL Blood Draw, Med administration via IM, SQ, IVP, and IVPB per gravity

<b>Needs Analysis Documentation</b>
The LVN transition student has been given credit for previous education. The lab provides an opportunity for the student to develop and demonstrate safe practice and prepare for the CPE at the end of the course.
<b>Learning Goals/Outcomes</b>
Upon completion of this simulation learning activity, you will be able to: <ul style="list-style-type: none"><li>• Change a central venous access dressing (CVAD) incorporating safety concepts.</li><li>• Safely draw a blood specimen from a Central venous access device.</li><li>• Perform calculations required to safely administer intravenous medications.</li><li>• Demonstrate proper location for deltoid, ventrogluteal injections, and use of Z track.</li><li>• Select correct materials needed to administer medications via IV, IM, SQ, &amp; IVPB.</li><li>• Demonstrate safe medication administration via IM, SQ, IVP, and IVPB.</li></ul>
<b>Scenario(s) Used</b>
<ul style="list-style-type: none"><li>• Perform a CVAD dressing change and blood draw.</li><li>• Perform an IM injection and a SQ injection.</li><li>• Perform IVPB administration via gravity and IVP medication administration.</li></ul>
<b>Schedule of Activities</b>
<ul style="list-style-type: none"><li>• Rotate students every 50 minutes through the 3 skills/scenario stations.</li></ul>
<b>Pre-Simulation Learning Activity Preparation (Pre-Briefing)</b>
Pre-Brief will include:  *Welcome- This learning experience is set up in a safe, non-threatening environment where everyone involved has the same purpose; to learn and improve.  *Confidentiality- You signed the Student Commitment to Conduct during non-graded and graded CPE at the beginning of the course. Remember to respect the confidentiality of your fellow learners and not share any information outside of the simulation session.  *Fiction Contract- We have done everything we can to make this as real as possible, but in the end, it is a simulated experience; we must depend on you. Please do your best to treat this as a live scenario with a live patient.  *Review of Learning Objectives  *Orientation to Spaces/Equipment/Safety- Orientation to the room(s) to be used, equipment in those rooms, reminder of emergency exits/processes, & review of psychological safety process.  Logistics- Badging In/Out, restroom location, & food & drink  On-Line/ Out of Class  ➤ <b>To prepare for this lab see HESI and other Assignments Sheet Lab week 1 for Skills, NIIIs and CSON videos</b>

: Simulation Center Activities <ul style="list-style-type: none"> <li>• Simulation stations</li> </ul>
<b>Simulation Learning Activities</b>
Simulation Activities: <ul style="list-style-type: none"> <li>• Calculate and administer IM, SQ, IV medications.</li> <li>• Perform administration of medications via IVP, IM, SQ and IVPB on sim pad.</li> <li>• CVAD dressing on simulated site. Collect a blood sample from a simulated central line.</li> </ul> Click here to enter text.
<b>Evaluation Methods (Debriefing)</b>
<ul style="list-style-type: none"> <li>• Debriefing post each station</li> <li>• Observation by faculty in simulation</li> <li>• Post simulation lab Red Cap Questionnaire</li> <li>• CPE</li> </ul>
<b>Other Appropriate Documentation</b>
<ul style="list-style-type: none"> <li>• Click here to enter text.</li> </ul>

<b>Texas DECs</b>	<b>QSEN Competencies</b>
<ul style="list-style-type: none"> <li>• Clinical Judgment</li> <li>• Knowledge</li> <li>• Patient Safety Advocate</li> </ul>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Evidence Based Practice</li> <li>• Teamwork and collaboration</li> <li>• Patient Centered Care</li> </ul>
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
<ul style="list-style-type: none"> <li>• Assessment and Intervention</li> <li>• Critical Thinking</li> <li>• Knowledge Integration</li> <li>• Communication</li> <li>• Human Caring and Relationships</li> <li>• Manage and Prioritize Resources</li> <li>• Teaching</li> <li>• Leadership</li> </ul>	<ul style="list-style-type: none"> <li>• Safe and Effective Care Environment</li> <li>• Health Promotion and Maintenance</li> <li>• Physiological Integrity</li> <li>• Pharmacological and Parenteral Therapy</li> </ul>
<b>Concepts</b>	
<ul style="list-style-type: none"> <li>• Clinical Judgement</li> <li>• Evidence Based Practice</li> <li>• Safety</li> <li>• Communication</li> </ul>	E. McWilliams MSN RN D.Kilpatrick MSN RN CNE CCRN-K
<b>Date originated: 2/17/2021</b>	<b>Revision Dates: 11/1/2022</b>

*LVN Transition Module Learning Guide*

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