

**Covenant School of Nursing Instructional Module 3**  
**SIMULATION LEARNING GUIDE**  
**Topic/Concept: Equipment Review**

<b>Needs Analysis Documentation</b>
<ul style="list-style-type: none"> <li>• Student clinical performance shows lack of confidence with IV pumps, and IVP medications administration.</li> <li>• Introduction ostomy care, JP drains, NG tubes</li> </ul>
<b>Learning Goals/Outcomes</b>
<p>Upon completion of this simulation learning activity, you will be able to:</p> <ul style="list-style-type: none"> <li>• Recognize the essential documentation required for patients with ostomies, Jackson-Pratt (JP) drains or nasogastric (NG) tubes.</li> <li>• Accurately measure and prepare a nasogastric tube for insertion.</li> <li>• Effectively use IV pumps to administer IV piggyback medications and IV fluids, including setting the pump to the correct medication.</li> <li>• Ensure the correct placement of a nasogastric tube</li> <li>• Read and interpret IV push (IVP) medication orders and accurately draw up the correct amount of medication in the correct syringe</li> </ul>
<b>Scenario(s) Used</b>
<ul style="list-style-type: none"> <li>• None</li> </ul>
<b>Schedule of Activities</b>
<ul style="list-style-type: none"> <li>• Demonstrate how to measure and cut the right size hole in pouch to fit stoma.</li> <li>• Demonstrate how to care for, measure drainage, and charge the JP drain.</li> <li>• Demonstrate use of IV pumps for fluid and IVPB administration.</li> <li>• Demonstrate use of IVP administration procedure</li> </ul>
<b>Pre-Simulation Learning Activity Preparation (Pre-Briefing)</b>
<p>Pre-Brief will include:</p> <p>*Welcome- This learning experience is set up in a safe, non-threatening environment where everyone involved has the same purpose; to learn and improve.</p> <p>*Confidentiality- You signed the Student Commitment to Conduct 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.</p> <p>*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.</p> <p>*Review of Learning Objectives</p> <p>Orientation to Spaces/Equipment/Safety- Orientation to the room(s) to be used, equipment in those rooms, reminder of emergency exits/processes, &amp; review of psychological safety process.</p> <p>Logistics- Badging In/Out, restroom location, &amp; food &amp; drink <a href="#">Click here to enter text.</a></p> <p>Simulation Center Activities</p> <p>On-Line/ Out of Class</p> <ul style="list-style-type: none"> <li>• HESI clinical labs-inserting a nasogastric tube</li> <li>• Review CSON Professional Skills CE's and NIIs (On the home page of LMS)</li> </ul>

<https://v9.edvance360.com/repository/filedownload/179483>

- Review: Medication Administration for IV Push and Subcutaneous Insulin, IVPB Medication Administration via infusion pump, Nasogastric Tube insertion and Removal and Ostomy Care

Simulation Center Activities

- See schedule of activities section

### **Simulation Learning Activities**

Simulation Activities:

- Demonstrate how to measure and insert NG tube.
- Demonstrate how to measure stoma.
- Demonstrate how to cut pouch to fit stoma.
- Demonstrate emptying and charging a JP drain.
- Demonstrate accurately how to draw up IVP medications: Morphine and Insulin
- Demonstrate accurately set Alaris pump for Primary infusion of NS 0.9% at 50cc/hr.
- Demonstrate accurately set Alrais pump for secondary medications: Levofloxacin and Piperacillin/Tazobactam

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### **Evaluation Methods (Debriefing)**

- REDCap results, verbal debriefing at end of Boot Camp
- Plus/Delta

### **Other Appropriate Documentation**

- Student clinical/simulation performance.

<b>Texas DECs</b>	<b>QSEN Competencies</b>
<b>Knowledge</b> IA: 1 c, 2, 4; IB: 1a-e, 2 a & b, 3, 4, 6 a, 7 a-c, 8; IC: 3; ID: 2, 3 IIA:1 a & b, 2 a-c, 3, 4; IIB: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12; IIC:1 a & b, 2 a & b, 3, 4 a & b, 5, 6, 8; IID: 1a-d, 2, 3a & b, 5a & b; IIE: 1a & b, 2, 3a & b, 4a & b, 5, 6a, 8, 9, 12, 13; IIF: 1, 2; IIG: 1 a & b, 2 a & b, 3 a & b; IIH: 3 c, 5, 6; IIIA: 2, 3, 4; IIIB: 1 a-c, 2, 4; IIID: 1a-c; IVA: 4a & b, 5a; IVB: 1a & b, 2a & b, IVC: 1, , 3, 4 a & b, <b>Clinical Judgement and Behaviors</b> IA:1, 2, 3 a & b; IB: 1, 2 a-c, 3a -c, 5 a & c, 6 a-c, 7, 8, 9; IC: 2, 4, 5, 6 a ID 1, 2, 3, 4, 5, IIA:1, 2a-c, 3, 4; IIB: 1, 2, 3 a & b, 4, 5, 6, 7, 8, IIC: 1, 2, 3 a & b, 4, 5, 7; IID: 1, 2 b & c; IIE:1, 2 a-c, 3 a & b, 4, 5 a & b, 6 a-d, 7 a-c, 8, 9,10, 11,12 a & b,13; IIF: 1a-c, 2 a & b, 3 a & b, 4, 5 a-c, 6; IIG: 1, 2 a & b, 3, 4, 5 a & b, 6, 7; IIH: 3, 6 IIIA: 2, 3, 4, 5a; IIIB: 1, 2, 3 a-c, 4, 5, 6; IIIC:1, 2 a & b; IID:1, 2, 3; IIIE:1; IVA: 1, 2 a & b, 3; IVB: 1 a & b, 2, 3 a-c, 5 a; IVC: 1 a-c, 2a-c; 3 a & b, 4; IVD: 4	Patient Centered Care, Teamwork & Collaboration, Evidenced Based Practice, Safety,
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
Assessment, Communication, Critical Thinking, and Knowledge Integration	Safe & Effective Care Environment, Health Promotion & Maintenance, Psychosocial Integrity, Physiological Integrity
<b>Concepts</b>	
Clinical Judgment / Communication / Health Promotion / Patient Education / Teamwork & Collaboration / Ethics & Legal Precepts / Evidence-Based Practice / Health Information Technology / Patient-Centered Care / Safety / Comfort / Elimination / Fluid & Electrolyte Balance / Functional Ability / Gas Exchange /Mobility / Nutrition/Perfusion	Cathy Thomas, DNP, RN
<b>Date originated:</b> 6-19-24.	<b>Revision Dates:</b> 6-19-25 <b>7/1/2025 Rachel Crow MSN,RN</b>

*Instructional Module Choose an item.Simulation Learning Guide*

*Topic: IM4 Boot Camp & Library Orientation*

*CSON SIMULATION Learning Guide (adopted by Faculty vote) – REV.*