

**Covenant School of Nursing Instructional RN BRIDGE TRACK
SIMULATION LEARNING GUIDE**

Topic/Concept: Pedi Growth & Development, Assessment, Med Admin

Needs Analysis Documentation
<ul style="list-style-type: none">The RN Bridge Track student is building on current knowledge to apply care to the pediatric population. This lab allows the student to apply pediatric growth and development concepts, medication safety, and assessment concepts into the care of a simulated patient. It allows the student to demonstrate medication safety for the peds population.
Learning Goals/Outcomes
Upon completion of this simulation learning activity, students will be able to: <ul style="list-style-type: none">Choose and use the appropriate pediatric pain scale.Calculate pediatric medication dosages including concentration, dilution, and rate of administration.Review and administer IVP and IVPB medications in the pediatric patient.Interpret pediatric vital signs, intake and output, fluid maintenance.Compare developmental principles when interacting with an infant, toddler, school age child.Recognize abnormal findings in patients with trach, CT, peripheral IV, foley, etc.
Scenario(s) Used
<ul style="list-style-type: none">Sammie Mills – 3-year-old Nausea & vomiting involved in MVC on way to ERJanie June – 9-month-old female with Hirschsprung's DiseaseJimmy John – 7-year-old MVC patient with closed head injury
Schedule of Activities
<ul style="list-style-type: none">Students will work through each of the simulated patient scenarios in groups. Sammie Mills runs for 120 minutes while Janie and Jimmy run 60 minutes each. All students will participate in each of the simulations.
Pre-Simulation Learning Activity Preparation (Pre-Briefing)
Pre-Brief will include: *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 Click here to enter text. Online/ Out of Class <ul style="list-style-type: none">Students should review lecture material as needed related to infants, toddlers, and school age growth and development, medication administration, maintenance fluid, and pediatric assessment.

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Simulation Learning Activities
Simulation Activities: <ul style="list-style-type: none"> • Students will work through each case study/sim as a group with each student expected/encouraged to discuss the sim as it progresses Click here to enter text.
Evaluation Methods (Debriefing)
<ul style="list-style-type: none"> • Redcap survey • Instructor observation of student during simulation • Pedi Theory Exam
Other Appropriate Documentation
<ul style="list-style-type: none"> • Sammie Mills IVP/IVPB Paperwork • Janie June paperwork • Jimmy John paperwork

Texas DEC's	QSEN Competencies
<ul style="list-style-type: none"> • Knowledge • Clinical Judgement • Patient Safety Advocate 	<ul style="list-style-type: none"> • Patient Centered Care • Evidenced Based Practice • Safety • Teamwork and Collaboration
IM Student Learning Outcomes	NCLEX Test Plan
<ul style="list-style-type: none"> • Safety/Quality • Clinical Judgement • Patient Centered Care • Professionalism • Communication/Collaboration 	<ul style="list-style-type: none"> • Safe and Effective Care • Health Promotion & Maintenance • Physiological Integrity • Pharmacological & Parenteral Therapy
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Instructional Module RN BRIDGE TRACK Lab Learning Guide
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