

Enhancing Pediatric Simulation: Integrating Standards, Realism, Innovation, and Inclusive Learning in Undergraduate Nursing

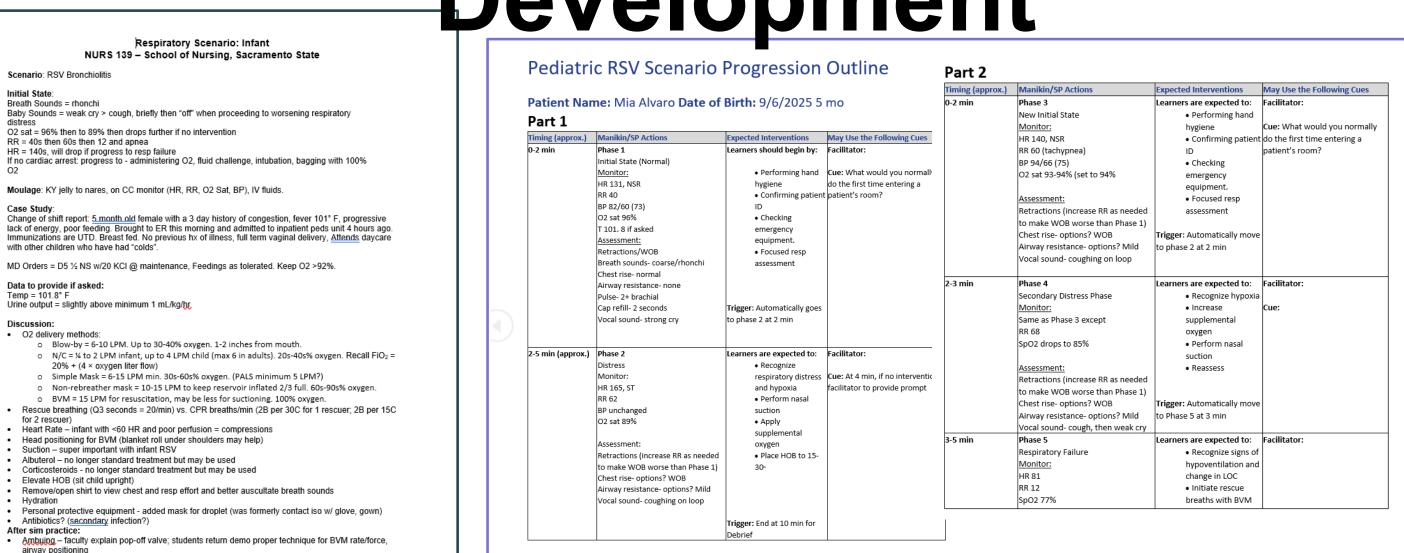


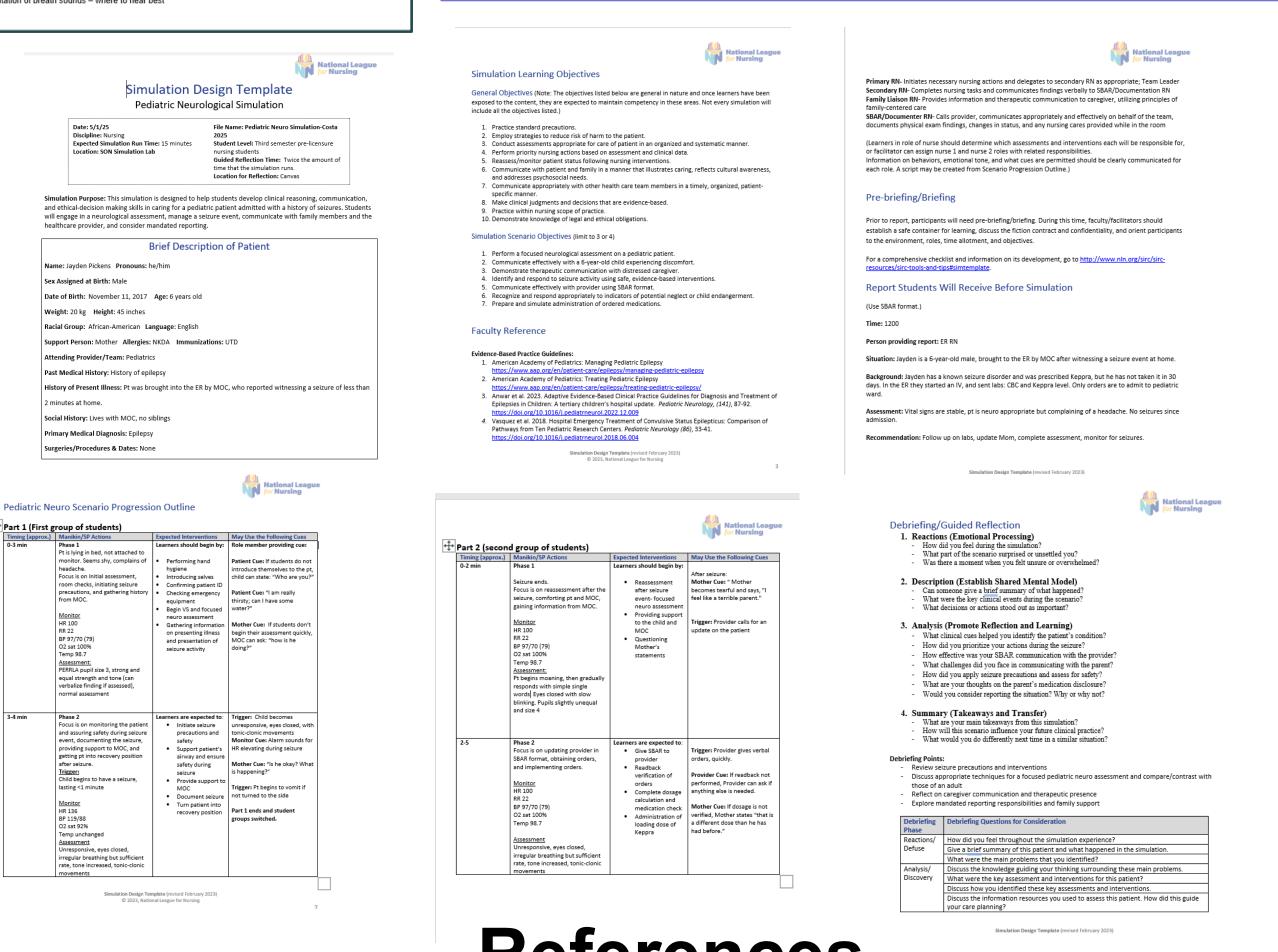
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Literature Integration

- Completed an in-depth review of INACSL Standards of Best Practice
- Applied the PEARLS debriefing model across all revised and new simulation scenarios
 - Ensured cultural responsiveness and developmental appropriateness in all materials

Curriculum & Simulation Development





References

INACSL Standards Committee, McDermott, D.S., Ludlow, J., Horsley, E. & Meakim, C. (2021, Septmeber). Healthcare Simulation Standards of Best Practice Prebriefing: Preparation and Briefing. Clinical Simulation in Nursing, 58, 9-13. https://doi.org/10.1016/jecns.2021.08.008

INACSL Standards Committee, Watts, P.I., McDermott, D.S., Charnetski, M., & Nawathe, P.A. (2021, September). Healthcare Simulation Standards of Practice Simulation Design. Clinical Simulation in Nursing, 58, 14-21. https://doi.org.10.1016/j.ecns.2021.08.009

Background and Purpose

- Pediatric simulations give nursing students safe, realistic practice with clinical and communication skills-building confidence and readiness for real-world pediatric care
- Simulation fills key gaps in pediatric training where clinical exposure is limited
- Structuring simulations with best practices ensures consistency, realism, and educational effectiveness- maximizing student learning and readiness for clinical practice
- Gaps Identified: Limited scenarios, outdated scenarios and format, lack of diversity

Project Goals

Project Objectives: Update pediatric simulations to align with INACSL standards, develop new scenarios based on student feedback and needs, and enhance student engagement and preparedness for simulation experiences

Activities Completed

Curriculum & Simulation Development

- Revised Respiratory Simulation using NLN template and INACSL standards
- Developed Neuro Sim with Pediatric HAL using NLN template and INACSL standards, including scenario and debrief materials
- Started development of appendicitis sim aligned with common pediatric hospitalizations

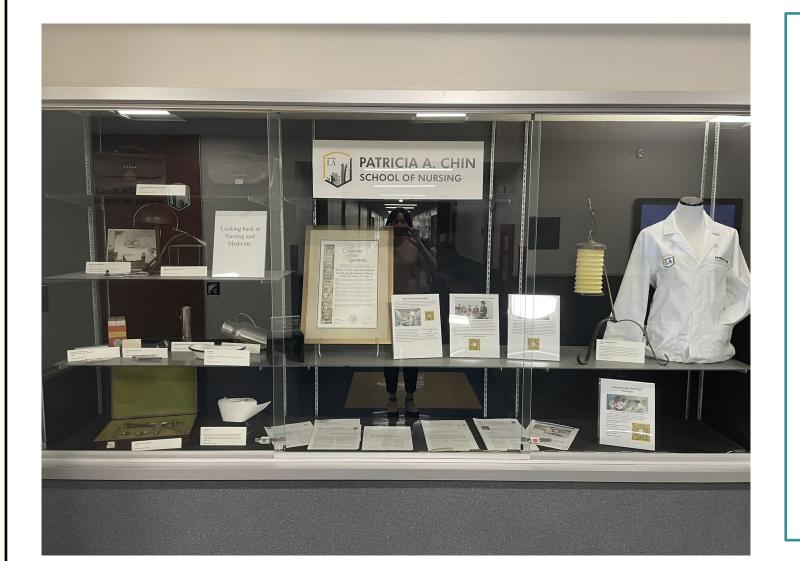
Faculty Development & Collaboration

- Shadowed CSUS SON faculty in simulations
- Traveled to CSU LA SON to meet pediatric sim educators and observe simulations
- Completed 3-day Gaumard Pediatric Hal Training in Texas

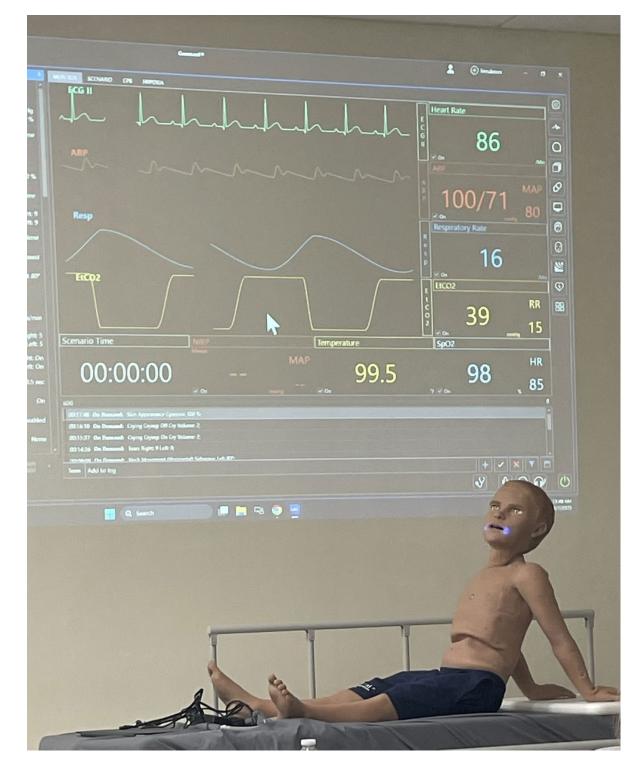
Student Engagement & Diverse Learning

- Developed pre-simulation work with graduate student
- Collected and analyzed student feedback post-simulation
- Lab experiences were updated with diverse mannequins to reflect a broader range of pediatric patients and enhance realism for learners

Faculty Development & Collaboration



Collaborated with CSU LA's pediatric simulation faculty and observed their undergraduate simulation day. Insights gained informed planned enhancements, including a Chart Flow EHR pilot in Fall 2025. insights.



Canvas



Gaumard Simulation Iraining

Student Engagement & Diverse Learning

