Simulation in Nursing Education:

The National League for Nursing Scenarios offer faculty the ability to provide realistic and challenging scenario-based simulation to help learners apply the nursing process. The National League for Nursing cases are preprogrammed for the Laerdal SimMan simulator to support the scenarios described in the learning materials.

The National League for Nursing Scenarios contain twenty (20) patient cases that address major learning objectives applicable to all types of undergraduate nursing programs. The simulation scenarios are designed to promote the learner's development of:

- Patient assessment skills
- Identification of nursing diagnosis
- Management of care
- Implementation of appropriate interventions
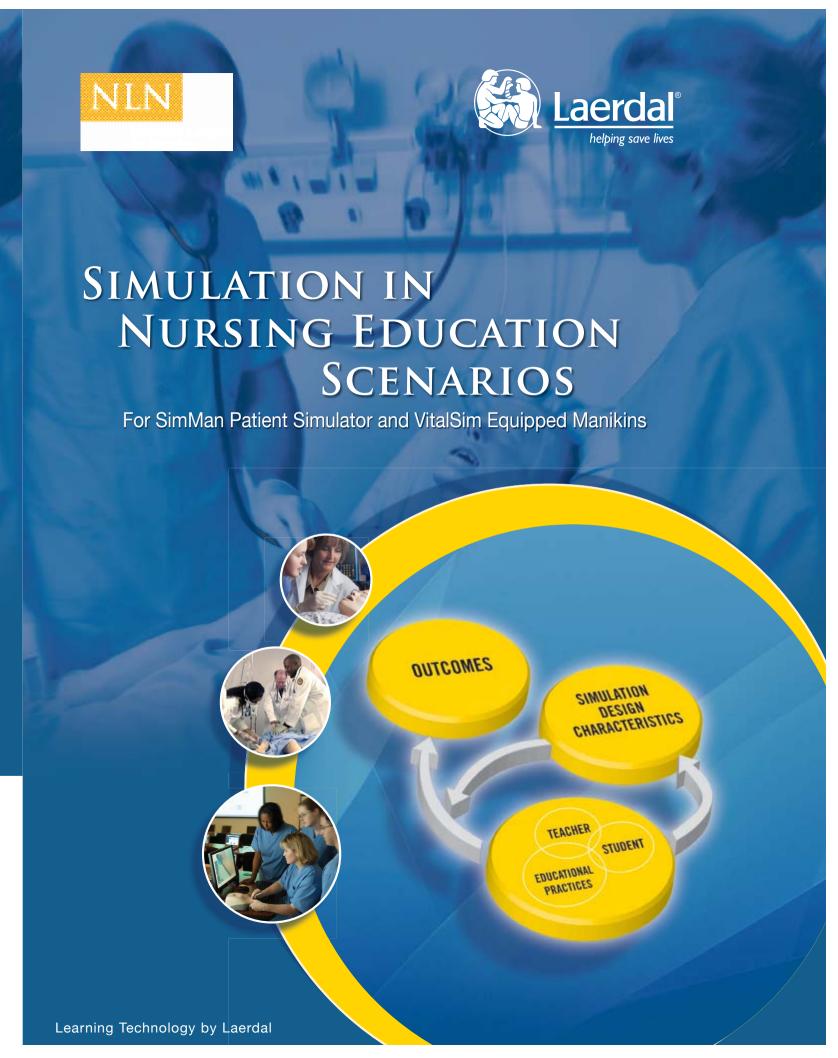- Evaluation of performance using guided reflection

200-17001   VitalSim Nursing Scenarios, Vol. I
211-17001   SimMan Vursing Scenarios, Vol. I

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Simulation in Nursing Education Scenarios

For SimMan Patient Simulator and VitalSim Equipped Manikins

OUTCOMES

SIMULATION DESIGN CHARACTERISTICS

TEACHER   STUDENT

EDUCATIONAL PRACTICES

Learning Technology by Laerdal

LEARNING OBJECTIVES

Learning Objective	Hughes — Lower Leg Fracture (Core)	Hughes (Complex)	Checketts — Preop Bowel Obstruction (Core)	Checketts (Complex)	Bowman — Postop Abdominal Hysterectomy (Core)	Bowman (Complex)	Watkins — Postop Hemicolectomy (Core)	Watkins (Complex)	Bennett — Postop Hip Arthroplasty (Core)	Bennett (Complex)	Bronson — Pneumonia (Core)	Bronson (Complex)	Hoffman — Asthma (Core)	Hoffman (Complex)	Brody — COPD (Core)	Brody (Complex)	Shapiro — Cardiac (Core)	Shapiro (Complex)	Hansen — Diabetic (Core)	Hansen (Complex)
Identifies the primary nursing diagnosis	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
General Management																				
Implements patient safety measures	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Evaluates patient assessment information including vital signs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Recalls policies related to legal consent and information security			•	•	•		•	•	•	•		•								
Recognizes and manages spiritual needs			•																	
Team Management																				
Implements therapeutic communication	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Implements direct communication with multi-disciplinary team members	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Demonstrates effective teamwork	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Prioritizes and implements Physician Orders appropriately	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Medication Administration																				
Recalls indications, contraindications, and potential adverse effects of prescribed medications	•		•		•	•	•	•	•	•	•	•	•	•	•				•	
Implements the "5 rights" of medication administration	•		•		•	•	•	•	•	•	•	•	•	•	•				•	•
Recognizes signs and symptoms of an adverse reaction					•						•		•				•			
Implements emergency treatment of anaphylaxis in a timely manner											•		•							
Recalls onset peak and duration of action of Insulin																			•	•
Intraoperative Management																				
Implements preoperative preparation of the patient			•																	
Recalls nausea as a complication to anesthesia					•															
Implements treatment of nausea including medication administration					•	•														
Determines readiness criteria for discharge from Post Anesthesia Care Unit (PACU)						•		•												
Recalls symptoms of compartment syndrome as a potential fracture complication	•	•																		
Recognizes and manages postoperative complications in a timely manner		•				•														
Respiratory Management																				
Implements a focused respiratory assessment					•	•	•	•			•	•	•	•	•	•			•	•
Recalls indications and contraindications for oxygen therapy							•	•			•	•	•	•	•	•			•	•
Recalls postoperative respiratory complications associated with immobility																				
Demonstrates correct use of incentive spirometer							•													
Recognizes symptoms of pulmonary embolism as a life-threatening complication								•												
Demonstrates correct use of an airway adjunct (OPA/NPA)						•														
Demonstrates effective bag-mask ventilation						•														
Recognizes signs and symptoms of respiratory distress								•			•	•	•	•	•	•				
Implements correct treatment of a respiratory distress in a timely manner											•	•	•	•	•	•				
Recognizes signs and symptoms of pneumothorax															•					
Demonstrates correct set-up and management of chest drainage systems																				
Cardiac Management																				
Initiates relevant cardiac and respiratory monitoring		•				•		•			•	•	•	•	•		•	•	•	•
Applies cardiac chest pain protocol according to local facility policy																	•	•		
Recognizes cardiac arrest/VF																	•	•		
Applies the cardiac arrest/VF protocol according to local facility policy																		•		
Demonstrates effective chest compressions																		•		
Metabolic Management																				
Recognizes signs and symptoms of hypoglycemia																			•	•
Implements appropriate treatment for hypoglycemia																			•	•
Recognizes signs and symptoms of hyperglycemia																			•	•
Implements appropriate treatment for hyperglycemia																			•	•
Implements appropriate diabetic teaching																			•	
Fluid Balance Management																				
Recalls local blood administration policy									•	•										
Implements blood administration protocol									•	•										
Recalls potential adverse effects related to blood administration									•	•										
Recognizes signs and symptoms of blood transfusion reaction									•	•										
Implements emergency treatment of a blood transfusion complication in a timely manner										•										
Recalls signs and symptoms of severe dehydration			•																	
Implements treatment of severe dehydration in a timely manner			•																	
Identifies metabolic imbalance as evidenced by lab values			•																	•