vSim® for Nursing

The new face of clinical preparedness
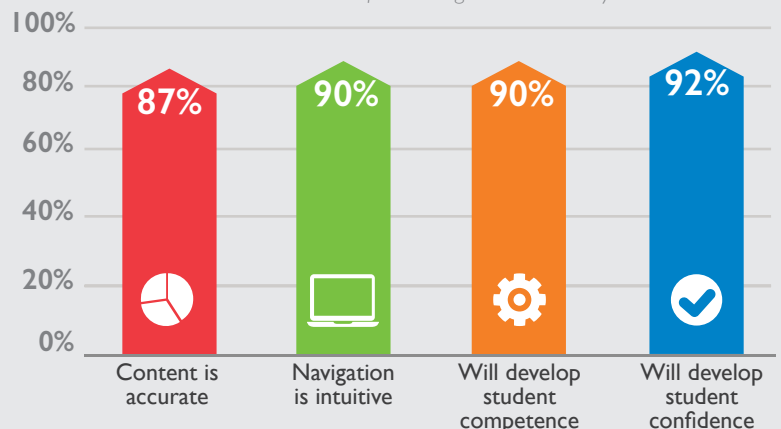
Measurable Student Success

Manage classes and monitor student results by viewing pre-simulation and post-simulation quiz data and student feedback logs.
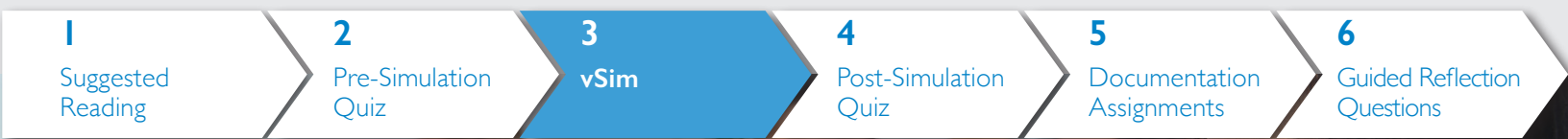
Designed to **simulate real nursing scenarios**, vSim® for Nursing, co-developed by Laerdal Medical and Wolters Kluwer, **allows students to interact with patients in a safe, realistic online environment**. Adaptive, interactive virtual simulations with integrated curriculum resources and personalized feedback provide a full simulation learning experience for every student to **promote confidence and competence** in patient-centered care.

Instructors agree with the following statements about vSim

Source: 2014 vSim for Nursing Pilot User Study

87% Content is accurate	90% Navigation is intuitive
90% Will develop student competence	92% Will develop student confidence

NLN National League for Nursing

Many vSim for Nursing patient encounters are based on leading National League for Nursing simulation scenarios.

vSim® for Nursing | MEDICAL-SURGICAL

vSim for Nursing | Medical-Surgical includes the following virtual patients based on the NLN Simulation in Nursing Education - Medical-Surgical Scenarios:

- **Carl Shapiro** - Acute Myocardial Infarction: Ventricular Fibrillation
- **Doris Bowman** - Post-op Abdominal Hysterectomy: Opioid Intoxication
- **Jennifer Hoffman** - Acute Severe Asthma
- **Kenneth Bronson** - Pneumonia: Severe Reaction to Antibiotic
- **Lloyd Bennett** - Post-op Hip Arthroplasty: Blood Transfusion Reaction
- **Marilyn Hughes** - Lower Leg Fracture: Compartment Syndrome
- **Skyler Hansen** - Diabetes: Hypoglycemia
- **Stan Checketts** - Preoperative Bowel Obstruction: Fluid and Electrolyte Imbalance
- **Vernon Watkins** - Post-op Hemicolectomy: Pulmonary Embolism
- **Vincent Brody** - COPD: Spontaneous Pneumothorax

vSim® for Nursing | GERONTOLOGY
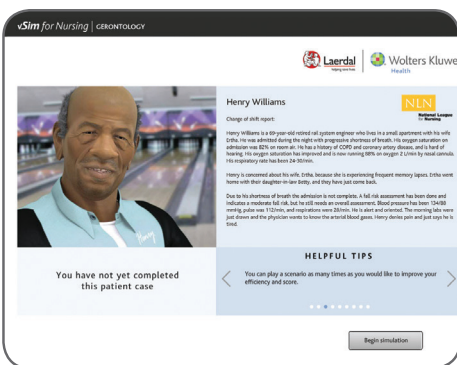
vSim for Nursing | Gerontology includes the following virtual patients based on the NLN ACES Unfolding Cases:

- **Henry Williams** - COPD Exacerbation
- **Henry Williams** - Discharge to Pulmonary Rehabilitation
- **Henry Williams** - Transition to Assisted Living Apartment
- **Julia Morales and Lucy Grey** - Terminal Lung Cancer
- **Julia Morales and Lucy Grey** - End-of-Life Care and Family Support
- **Julia Morales and Lucy Grey** - Coping After the Loss of Partner
- **Millie Larsen** - Urinary Tract Infection with Confusion
- **Millie Larsen** - Fall Risk and Functional Assessment
- **Millie Larsen** - Caregiver Strain and Maintenance of Independence
- **Sherman "Red" Yoder** - Open Foot Wound
- **Sherman "Red" Yoder** - Possible Sepsis
- **Sherman "Red" Yoder** - Assessment of Functional Decline and Family Conflict

vSim® for Nursing | FUNDAMENTALS
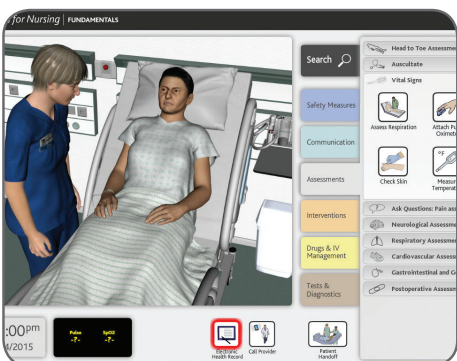
vSim for Nursing | Fundamentals includes the following virtual patients, based on scenarios authored by the NLN:

- **Christopher Parrish** - Nutrition
- **Edith Jacobson** - Activity
- **Jared Griffin** - Asepsis and Infection Control
- **Josephine Morrow** - Skin Integrity: Wound Care
- **Kim Johnson** - Urinary Elimination: Intermittent Catheterization
- **Marvin Hayes** - Bowel Elimination: Colostomy Care
- **Mona Hernandez** - Oxygenation
- **Rashid Ahmed** - Fluids, Electrolytes, and Acid-Base Balance
- **Sara Lin** - Pain Management
- **Vernon Russell** - Safety

vSim for Nursing | PHARMACOLOGY
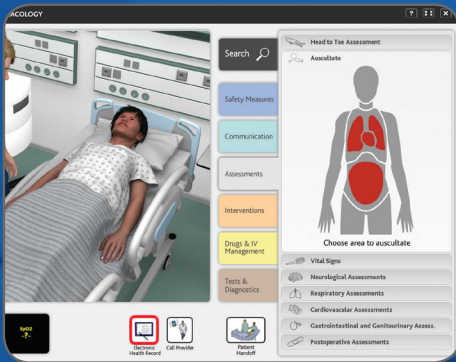
vSim for Nursing | Pharmacology includes the following virtual patients, based on scenarios endorsed by the NLN:

- **Danielle Young Bear** Managing Pain Medication for Chronic Low Back Pain
- **Harry Hadley** Managing IV Antibiotic Therapy in the Hospitalized Patient with Reduced Renal Function
- **Jermaine Jones** - Managing Adverse Effects of Antidepressants, Anxiolytics, and Alcohol
- **Juan Carlos** - Treatment of Hypoglycemia in a Hospitalized Patient with Type II Diabetes
- **Junetta Cooper** - Management of Nitroglycerin Administration for the Treatment of Angina Pectoris
- **Mary Richards** - Management of Digoxin Toxicity in a Patient with Heart Failure
- **Rachael Heidebrink** - Anticoagulation Bridge Therapy for Patient with a Pulmonary Embolism
- **Suzanne Morris** - Management of Gastrointestinal Infection Due to Adverse Effect of Peptic Ulcer Treatment
- **Toua Xiong** - Managing Inhalation Medication for a Patient with COPD (Emphysema)
- **Yoa Li** - Management of Morphine Overdose in a Hospitalized Patient

vSim® for Nursing | HEALTH ASSESSMENT
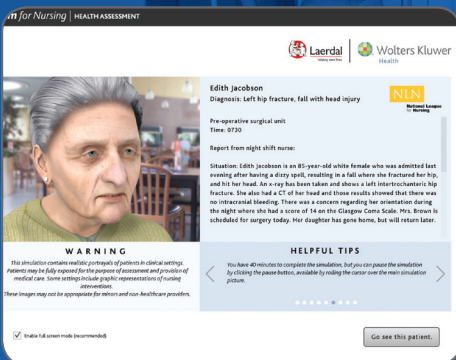
vSim for Nursing | Health Assessment includes the following virtual patients based on the NLN Simulation in Nursing Education - Health Assessment Scenarios:

- **Christopher Parrish** - Respiratory System Assessment
- **Edith Jacobson** - Neurological Cognitive System Assessment
- **Jared Griffin** - Cardiovascular System Assessment
- **Josephine Morrow** - Integumentary System Assessment
- **Kim Johnson** - Neurological-Sensory Motor System Assessment
- **Marvin Hayes** - Abdominal System Assessment
- **Mona Hernandez** - Peripheral Vascular System Assessment
- **Rashid Ahmed** - Normal Abbreviated Head-to-Toe
- **Sara Lin** - Pain Assessment Related to Appendicitis
- **Vernon Russell** - Musculoskeletal System Assessment

vSim® for Nursing | MENTAL HEALTH

vSim for Nursing | Mental Health includes 10 patient scenarios developed jointly with the National League for Nursing:

- **Andrew Davis** - Alcohol Withdrawal
- **David Carter** - Schizophrenia, Part 1
- **David Carter** - Schizophrenia, Part 2
- **George Palo** - Adjustment Disorder with Depressed Mood
- **Li Na Chen** - Major Depressive Disorder, Part 1
- **Li Na Chen** - Major Depressive Disorder, Part 2
- **Linda Waterfall** - Severe Anxiety
- **Randy Adams** - Post-Traumatic Stress Disorder (PTSD) and Traumatic Brain Injury (TBI)
- **Sandra Littlefield** - Borderline Personality Disorder
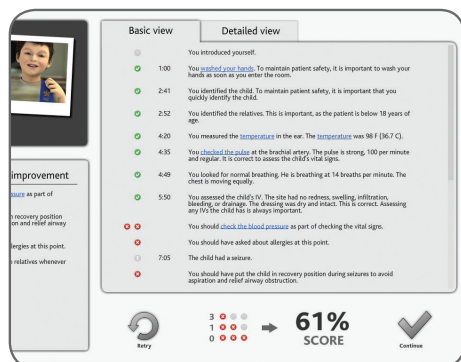- **Sharon Cole** - Bipolar Disorder

vSim® for Nursing | MATERNAL
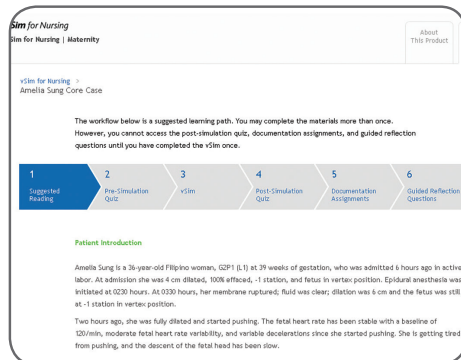
vSim for Nursing | Maternity includes the following virtual patients based on the NLN Simulation in Nursing Education – Obstetric Scenarios:

- **Amelia Sung -** Delivery with Risk of Shoulder Dystocia
- **Amelia Sung -** Shoulder Dystocia
- **Brenda Patton -** Group B Strep Positive
- **Brenda Patton -** Unknown Group B Strep Status
- **Carla Hernandez -** Preparation for C-Section due to Umbilical Cord Prolapse

- **Carla Hernandez -** Umbilical Cord Prolapse
- **Fatime Sanogo -** Mild Postpartum Hemorrhage
- **Fatime Sanogo -** Moderate Postpartum Hemorrhage
- **Olivia Jones -** Mild Preeclampsia
- **Olivia Jones -** Severe Preeclampsia

vSim® for Nursing | PEDIATRIC

vSim for Nursing | Pediatric includes the following virtual patients based on the NLN Simulation in Nursing Education – Pediatric Scenarios:

- **Brittany Long -** Sickle Cell Anemia with Acute Pain Crisis
- **Brittany Long -** Sickle Cell Anemia with Acute Splenic Sequestration
- **Charlie Snow -** Mild Allergic Reaction
- **Charlie Snow -** Anaphylaxis
- **Eva Madison -** Gastroenteritis
- **Eva Madison -** Dehydration

- **Jackson Weber -** Generalized Tonic–Clonic Seizures
- **Jackson Weber -** Status Epilepticus
- **Sabina Vasquez -** Mild Intermittent Asthma
- **Sabina Vasquez -** Pneumonia Leading to Respiratory Distress in a Child with Known Asthma

vSim for Nursing | MATERNAL & PEDIATRIC

vSim for Nursing | Maternity and Pediatric includes 5 obstetric and 5 pediatric patient scenarios developed jointly with the National League for Nursing:

- **Amelia Sung -** Shoulder Dystocia
- **Brenda Patton -** Group B Strep Positive
- **Carla Hernandez -** Preparation for C-section due to Umbilical Cord Prolapse
- **Fatime Sanogo -** Moderate Postpartum Hemorrhage
- **Olivia Jones -** Severe Preeclampsia
- **Brittany Long -** Sickle Cell Anemia – Acute Pain Crisis

- **Charlie Snow -** Anaphylaxis
- **Eva Madison -** Dehydration
- **Jackson Weber -** Generalized Tonic-Clonic Seizures
- **Sabina Vasquez -** Pneumonia Leading to Respiratory Distress in a Child with Known Asthma

"vSim gives students confidence and those that complete the vSim activity prior to high fidelity simulation do a LOT better. They are more relaxed and they seem to follow through with the required nursing interventions at more ease."
- **Shannon Vorlick**, *Nursing Faculty*, Trident Technical College

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"We have seen a great improvement in student performance during the critical component of the scenario, such as inserting an oral airway and performing mechanical ventilations. In the past the students struggled to recover from these critical moments and continue to move through the scenario. Using the vSim, they work through the process cognitively before they are asked to perform the psychomotor skills of the scenario. Students are more confident and reflect more deeply about the entire process."
- **Janie Dennis**, *Director, Lab and Simulation Education*, The College at Brockport - SUNY

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"Using vSim has helped solve the challenge of preparing the LPN in one short semester to blend with the other ADN students and be successful in both the classroom and clinical situation."
- **Connie L. Houser,** *Nursing Instructor*, Central Carolina Technical College

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"vSim gives the students a simulated bedside activity that reinforces the concepts they have learned. It allows them to reinforce critical thinking in a virtual setting; that is something they are very comfortable with."
- **Nancy Ofendo Reyes,** *Nursing Professor*, Horry Georgetown Technical College

Discover virtual simulation today!
Learn more at: www.laerdal.com/vsim