vSim *for Nursing*

Pediatric

DIGITAL COURSE CONTENT • ADAPTIVE LEARNING • **VIRTUAL SIMULATIONS** • SIMULATION IN TEAMS • DOCUMENTATION • FEEDBACK AND REMEDIATION

Student User's Guide

Laerdal®
helping save lives

Wolters Kluwer

Contents

Introduction to vSim for Nursing

Thank you for purchasing *vSim for Nursing | Pediatric*. This innovative learning resource, jointly developed by Laerdal Medical and Wolters Kluwer, delivers ways to enhance nursing education to create safer practice environments. We thank you for inviting us into your classroom or simulation facility, and we welcome your feedback.

Develop clinical decision-making skills, competence, and confidence with *vSim for Nursing*. Designed to simulate real nursing scenarios, *vSim for Nursing* allows you to interact with patients in a safe, realistic environment that is available anytime, anywhere.

Online interactive virtual simulations with integrated curriculum resources provide a full simulation learning experience. You have access to suggested reading material from trusted Wolters Kluwer sources, pre-simulation and post-simulation quizzes, documentation assignments that can be used in *Lippincott DocuCare*, and guided reflection questions to gauge your understanding and support improved competence through remediation. The virtual simulation is self-directed, with a variety of nursing actions included for an individualized learning experience. Actions during the simulation are recorded, resulting in a personalized feedback log to help you identify areas of strengths or needed improvement.

Throughout the simulation scenario, you have access to SmartSense links for additional learning opportunities through evidence-based, point-of-care content such as *Lippincott Advisor* and *Lippincott Procedures*. Remediation references are also provided for the primary course textbook. For *vSim for Nursing | Pediatric*, the textbook is *Kyle, T. and Carman, S. Essentials of Pediatric Nursing*.

If your instructor creates a class in *vSim for Nursing*, you can enroll in that class to give your instructor access to your results and progress over time.

With *vSim for Nursing*, discover a unique simulation experience designed to improve your competence, confidence, and success in patient-centered care.

System Requirements

vSim for Nursing is an online product. To use this product, you must have access to the Internet and an up-to-date browser. Go to thepoint.lww.com/systemrequirements for the current system requirements for this product.

The virtual simulations are fairly large downloads (first patient 75 MB, subsequent patients approximately 50 MB). Depending on the speed of your Internet connection, the first patient could take up to three minutes to download and subsequent ones up to two minutes.

User Guide Objectives

This User Guide will help you:

- Get started with *vSim for Nursing*
- Understand the components and features of this product
- Use *vSim for Nursing* to view your results and track your progress

Getting Started

The first steps to get started using *vSim for Nursing* include registering on **thePoint**, accessing the product content, and making initial decisions about whether you should enroll in a class.

You'll need two codes to get started in a class.

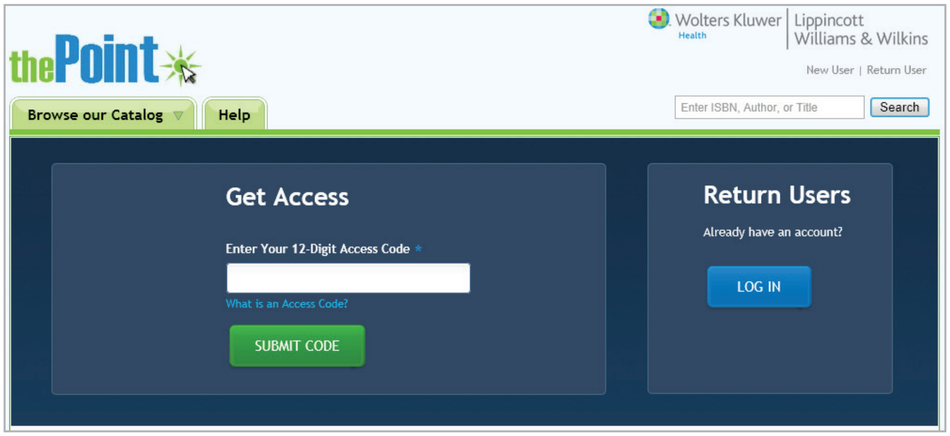
1. **thePoint Access Code**—printed on a card inside the *vSim for Nursing* case you purchased, or included with your electronic course materials. You need this code to set up your login ID and password at thePoint.
2. **Class Code**—*if your instructor creates a class,* you will receive this code from your instructor. You need this code to get into the class that has been set up exclusively for your instructor in *vSim for Nursing*.

Product Registration and Access

To access *vSim for Nursing*, first redeem your **Access Code** at http://thepoint.lww.com.

New User Registration

1. If you haven't registered at thePoint before, go to http://thepoint.lww.com/activate and enter your Access Code where indicated. Then select **Submit Code.**



2. Enter your email address, select whether you have an existing password or need to create one, and click **NEXT**.
3. On the registration form, fill out all required fields, click on the checkbox if you agree to the terms and conditions, and click **Submit**. This takes you to your **My Content** page, where *vSim for Nursing* will appear.
4. On the **My Content** page, locate your *vSim for Nursing* product and click on links to find a description of the product (About This Product) or to get access to the content (*vSim for Nursing*).

Returning User Registration

1. If you have already registered at thePoint, go to http://thepoint.lww.com, click on **Return User**, and log in to access the **My Content** page. (If you are not sure whether you have an account, use the **Find Your Password** or **Help** links or follow all steps above as a **New User**.)
2. Click on **Add a New Title to My Content** in the box in the upper right corner beneath the green banner.
3. Enter your **Access Code** where indicated, and complete the activation steps. You will end in your **My Content** page, where *vSim for Nursing* will appear.
4. On the **My Content** page, locate your *vSim for Nursing* product and click on links to find a description of the product (About This Product) or to get access to the content (*vSim for Nursing*).

Accessing vSim for Nursing During Your Course

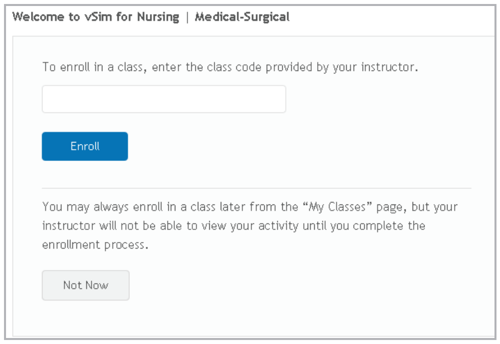
You will only use the Access Code once per product for the initial registration. From that point on, you will use your login information for thePoint to access *vSim for Nursing*. Whenever you log in to thePoint, you will find *vSim for Nursing* in the **My Content** page.

(The *vSim for Nursing* title shown here is just an example and may or may not match yours.)

TIP: If you forget your password, click **Forgot Your Password?** and enter your email address. Your password will be emailed to you. To change your password, log in to thePoint and click **Profile** near the top right of the page.

Initial Choices About Class Enrollment

The first time you access *vSim for Nursing* after you register, you will see a welcome screen with an option to enroll in a class. You will need to enroll in a class in order for your instructor to see your results.



If you are ready to enroll in a class:

1. Enter the **Class Code** provided by your instructor.
2. Select **Enroll**.
3. You will receive confirmation that your enrollment was successful. Click **Continue** to go to the main *vSim for Nursing* page.

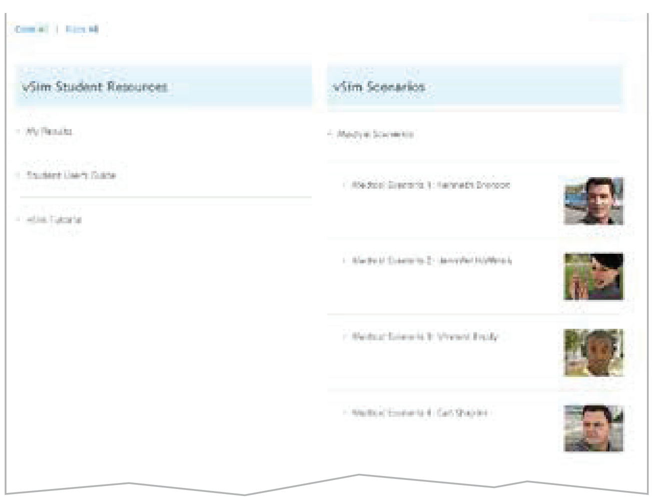
If you are not ready to enroll in a class, you can select **Not Now**. You can always enroll in a class at a later time by visiting My Classes.

For further instructions and details about classes, see the section on "Enrolling in Your Instructor's Class."

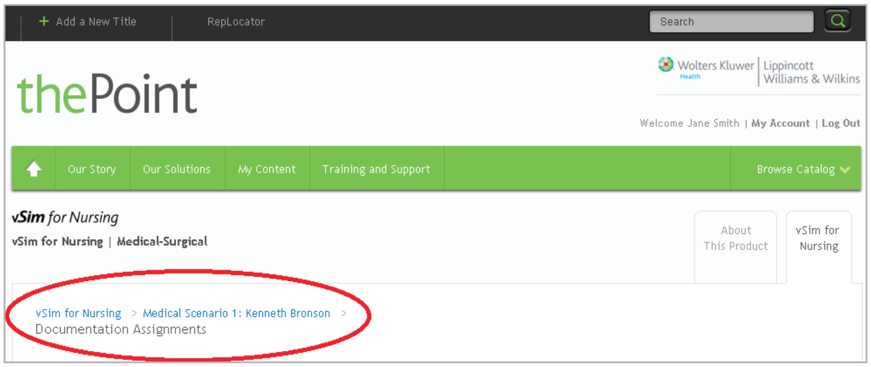
> ***TIP:*** If you have purchased *Lippincott CoursePoint+*, which includes *vSim for Nursing,* you only have to enroll in one class. The class will allow your instructor to view your results in both *Adaptive Learning powered by prepU* and *vSim for Nursing*.

Navigating vSim for Nursing

The *vSim for Nursing* main page presents a quick view of all content. Let's take a look at the materials available from this page. Remember that you must be logged into thePoint to access these materials.



TIP: When navigating through materials from the *vSim for Nursing* main screen, use the breadcrumb trail in the top left corner of your screen to navigate back to a previous screen.



My Classes

A link to **My Classes** appears in the top right corner of the *vSim for Nursing* main page. This link will appear on every screen as you navigate throughout *vSim for Nursing*. The My Classes page provides information about the class(es) in which you are enrolled and a link to My Results (discussed below).

vSim Student Resources

At the top of the left-hand side of the main page, Student Resources give you access to your individual results and help you learn how to use *vSim for Nursing*.

My Results

You can always visit **My Results** to view your work in *vSim for Nursing*. When you open My Results, you can view your best results for all scenarios, a full history of results for each scenario, and detailed feedback logs and quiz results. See "Reviewing My Results" for details. These results are the same results your instructor will view if you are enrolled in a class.

vSim Tutorial

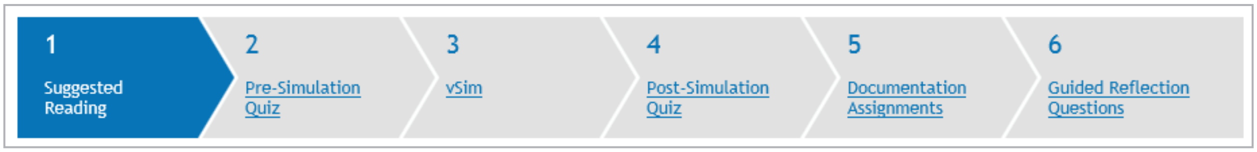
Because it is important to be familiar with the user interface in order to be successful in virtual simulations, a **vSim Tutorial** provides a tour of the software and actions available in the menus. This resource can be used along with this User Guide and may be especially helpful if you are a visual or auditory learner.

vSim Scenarios

A scenario is an interactive training workflow for nursing students. *vSim for Nursing* | *Pediatric* includes 10 interactive learning scenarios. These scenarios correspond to 10 of the 12 Simulation in Nursing Education – Pediatric Scenarios available on SimStore from National League for Nursing and Laerdal Medical for use in manikin-based simulations. The scenarios are organized into core and complex versions, with core scenarios reflecting basic assessment, prevention of complications, and developmentally appropriate communication, and complex scenarios requiring recognition of an emergent condition, prioritization, management of complications, and more advanced critical thinking. Note that while the core and complex scenarios share a similar patient history, these patient histories are **not** identical, and these scenarios do not represent unfolding cases. They are truly alternate versions of the same patient case.

The titles and patient images are shown on the *vSim for Nursing* main page. The student simply clicks on a scenario title to launch the workflow for that scenario.

Each scenario includes a curriculum of pre- and post-simulation activities to prepare you for the simulation, to evaluate your patient care, and to provide feedback. The learning path or workflow for each scenario is presented in the order that is illustrated below. When you select a patient scenario, the scenario workflow will open to the Suggested Reading tab. Click through each chevron tab to navigate to each activity.



Suggested Reading, Pre-Simulation Quiz, vSim, Post-Simulation Quiz, Documentation Assignments, Guided Reflection Questions

vSim for Nursing offers you the flexibility to complete the first three activities in a different order, if desired. After you have completed the vSim for one patient scenario once, the post-simulation activities (tabs 4, 5, and 6) are unlocked and available for completion in any order. Additionally, activities can be performed multiple times to reinforce concepts in a "learn by doing" environment. The goal is improved performance on the vSim over time through practice and remediation.

Let's review each component in the workflow.

SmartSense Links

SmartSense links throughout the activities provide references and direct links to trusted Wolters Kluwer resources for further learning and remediation. For drug monographs, diagnostic test information, and basic nursing procedures, green SmartSense icons link to relevant topics in *Lippincott Advisor* and *Lippincott Procedures*—two current, evidence-based, point-of-care clinical resources used by practicing nurses. Wherever the icon appears, click on it to open the recommended reading. References to core course information are drawn from a specific Wolters Kluwer textbook. In *vSim for Nursing*, specific page references are provided. In *Lippincott CoursePoint+*, SmartSense digital textbook icons link directly to the digital textbook.

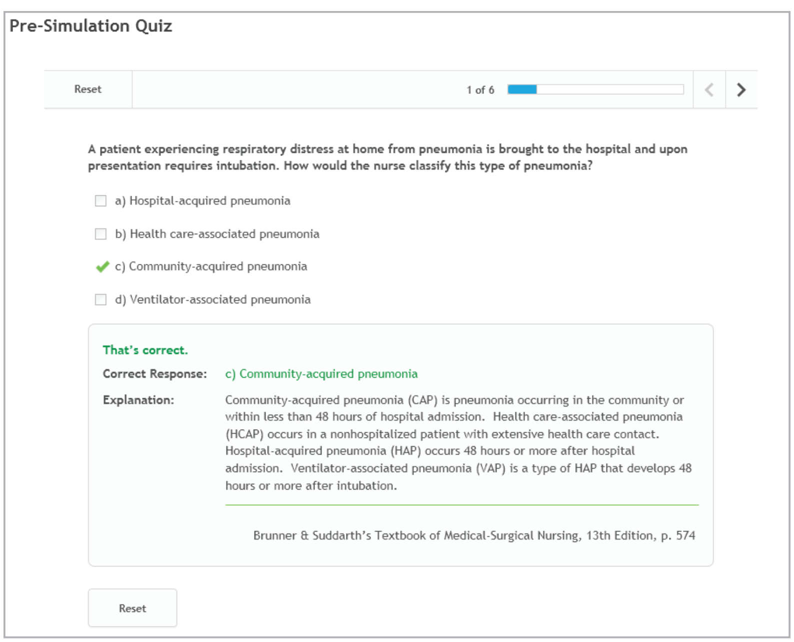
Suggested Readings

Suggested Readings are recommended to prepare you for a successful simulation experience. When you select a patient scenario, the scenario workflow will open to the Suggested Readings tab, which displays a patient introduction and a listing of suggested textbook pages and other resources to read prior to starting the simulation. Click on the green SmartSense icon on the Suggested Readings screen to link to topics in *Lippincott Advisor* and *Lippincott Procedures* that are relevant to the selected patient scenario.

Pre-Simulation Quiz

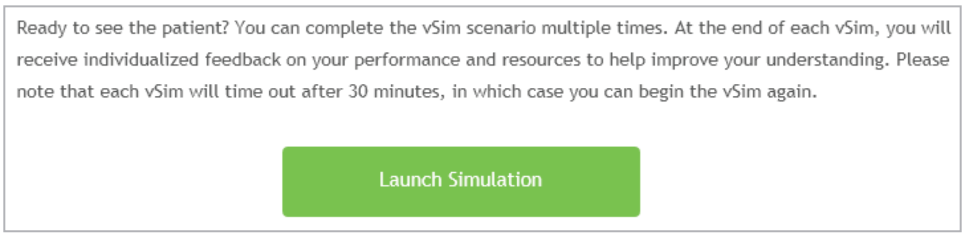
The Pre-Simulation Quiz presents a series of questions prior to the simulation to assess your readiness to complete the patient scenario. Click the **Quiz Me** button to begin. After answering each question, click **Show Answer** to see immediate feedback. References to the textbook, or SmartSense links to *Lippincott Advisor* and *Lippincott Procedures*, are provided to help improve patient care performance during the simulation.

You may take the Pre-Simulation Quiz as many times as you wish, and the questions will remain the same each time. The purpose of the Pre-Simulation Quiz is to help you identify areas where you need remediation before working in the vSim; you will not receive a score.



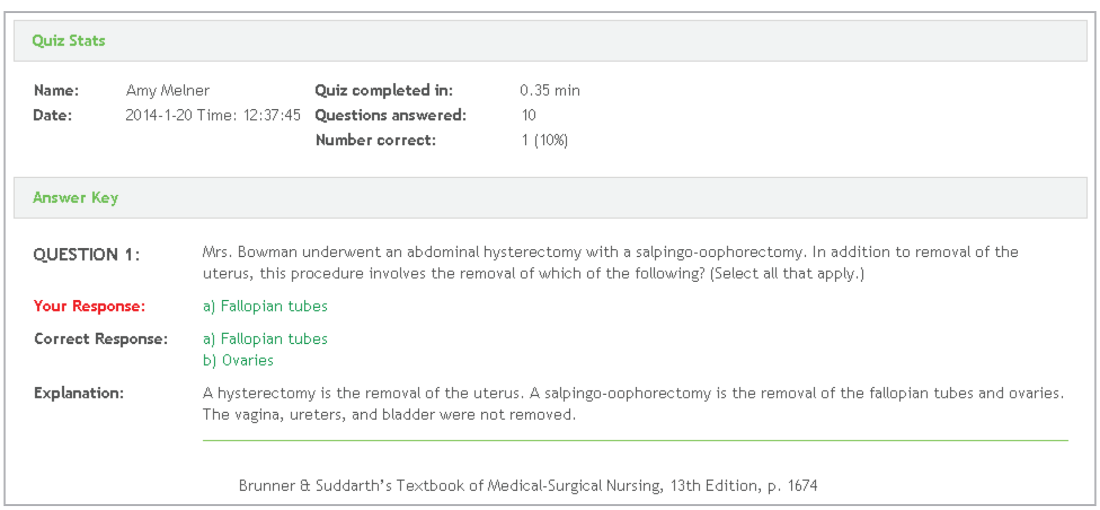
vSim

The vSim is the virtual clinical simulation which, when launched, allows you to enter the patient's room and provide care to the patient by selecting actions in categories such as patient safety, communication, assessments, interventions, and medication administration. Actions, communications, and results are recorded. Upon completion of a scenario, you'll receive personalized feedback on the actions you completed. Additionally, the feedback log reviews key content and provides recommendations on areas that need improvement. Since feedback is based upon individual performance, the feedback log is unique for each student and each time you complete a scenario. This design allows you to improve your results and competency with each subsequent simulated patient visit. The feedback log includes references and SmartSense links to related topics for further review and remediation. This component is covered in greater detail in the section on "Navigating the vSim Clinical Scenario."



Post-Simulation Quiz

The Post-Simulation Quiz is the next step after the virtual simulation is completed. After reviewing the feedback log, you can opt to (a) repeat the simulation, (b) do additional readings, or (c) continue on to the quiz, which contains questions that test knowledge of concepts related to the completed scenario. Click **Quiz Me** to begin, and then click the arrows above the questions to progress through the quiz. At the end of the quiz, click **Submit** and you'll receive an answer key showing the answer you selected and the correct answer, rationale, and reference for each question. You can read more in the textbook pages referenced or click on SmartSense icons to read additional information from *Lippincott Advisor* or *Lippincott Procedures*.



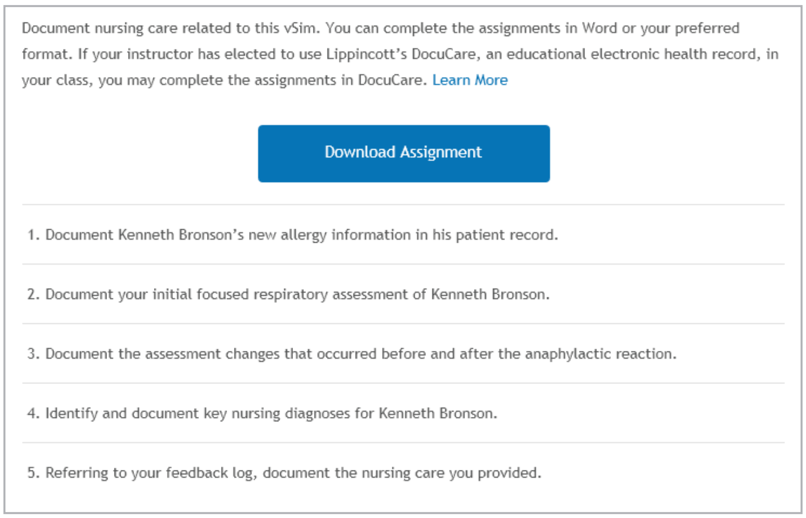
As with the Pre-Simulation Quiz, you may take the Post-Simulation Quiz as many times as you wish, and the questions remain the same each time. The purpose of the Post-Simulation Quiz is to help identify areas where you still need remediation after having completed the vSim; it is not intended to serve as a high-stakes assessment.

Documentation Assignments

Documentation Assignments provide practice documenting patient information and nursing care related to each simulation scenario. For optimal use, these assignments can be used with *Lippincott DocuCare* if your instructor has elected to use this program in your class. For more information, visit http://thepoint.lww.com/docucare.

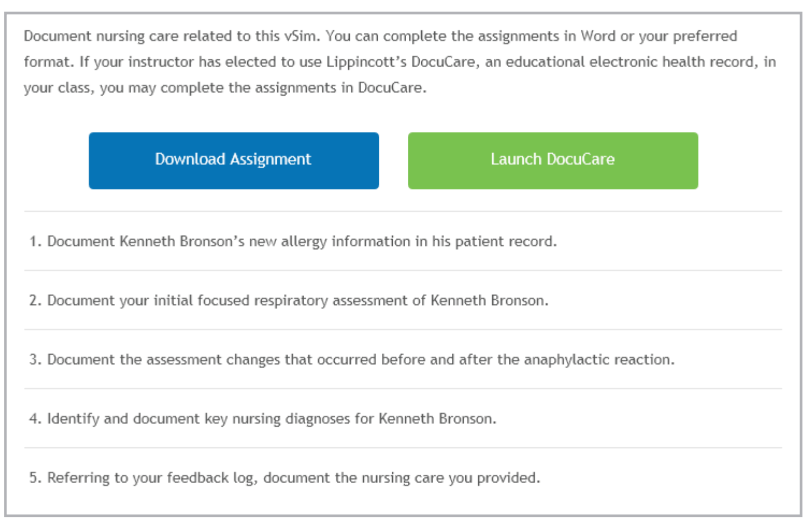
Downloading Assignments

You can download the assignments in a Word document to complete the assignments in Word or another format. Click on the **Download** button to download and save the Word document.



Completing Assignments in Lippincott DocuCare

My Case Library in *Lippincott DocuCare* includes pre-populated patient charts for the Simulation in Nursing Education - Pediatric Scenarios used in *vSim for Nursing*. If your instructor has adopted *Lippincott DocuCare* for your class, he or she can create assignments for you to complete the documentation in *Lippincott DocuCare* using the pre-populated patient charts. Click the **Launch DocuCare** button in a scenario workflow to open the *Lippincott DocuCare* platform in a new window and complete your assignment.



Guided Reflection Questions is the final step in the workflow, where questions are available to allow you to reflect on the virtual simulation experience and on your learning. The questions are designed to reinforce learning, promote reflective practice, and help you improve future performance.

> ***TIP:*** Remember that the post-simulation activities (tabs 4, 5, and 6) for a specific scenario are unlocked only after you have completed the vSim scenario once.

Navigating the vSim Clinical Scenario

In the scenario workflow described above, click the **Launch Simulation** button on the third chevron tab to launch the virtual simulation in a new window. While the scenario loads, read the patient introduction again to get important background information before you see the patient. Tips for using the simulator are available on this screen as well. When ready to begin, click **Go See This Patient**.

The virtual simulation starts with the patient's **Electronic Health Record** (EHR), open for the user to review any available orders, active medications, and diagnostic test results before seeing the patient. Tabs of the EHR that have information available at the beginning of the scenario will flash initially. The following information may be available in the EHR, depending on the scenario:

- Patient Information
- Patient Log
- Diagnostics
- Clinical Observations
- Medication Administration Record (MAR)
- Radiology
- Orders

The EHR is reviewed in detail later in the section titled "Electronic Health Record." Click the **Close** button at the bottom of the EHR to continue and see the patient.

Upon entering the patient's room, you assume the role of the nurse and begin with an introduction to the patient. Patient responses are driven by the patient's condition and your actions and communication with the patient.

The left side of the vSim screen displays the patient and nurse in a clinical setting.

The right side of the screen displays the following Actions & Communication menu-tabs:

- Search
- Safety Measures
- Communication
- Assessments
- Interventions
- Drugs & IV Management
- Tests & Diagnostics

The menus are displayed in a logical order influenced by the nursing process, with safety measures presented first, but you can navigate to any menu and any action at any time. Click the desired menu to navigate to it. You'll notice that several menus contain sub-menus. These menus are reviewed in detail in the sections that follow.

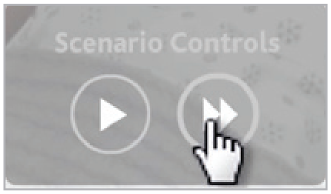
The bottom of the screen displays the following information:

- **Time**—Displays the current time of day in the scenario (not the current time for the user).
- **Monitor**—Becomes activated based on the action selected; for example, when an ECG is performed for the patient, the monitor is enabled.
- **Electronic Health Record**—Accesses the patient's EHR.
- **Call Provider**—Contacts the provider to provide a report.
- **Patient Handoff**—Ends the scenario.

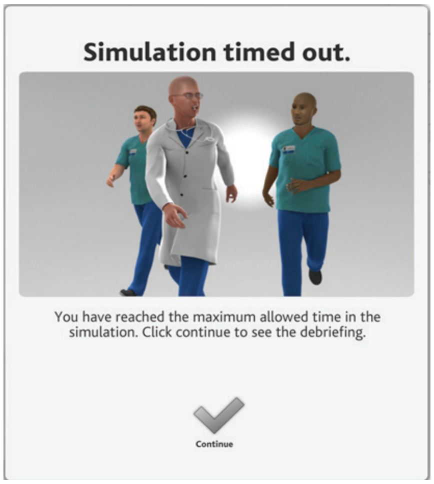
Simulation Time

As mentioned, the time shown on the clock reflects the current time in the scenario. Note that this is not the actual time at which you are working in the vSim; it is a fictitious time. However, your actions are monitored in "real time" seconds and minutes.

Scenario time can be paused and/or fast-forwarded, as desired. Simply hover over the patient or nurse in a scenario to access the control buttons. Use the left control to pause a scenario; use the right control to fast-forward by one minute.



TIP: Each scenario will time out after 30 minutes if not completed. However, time during a pause does not count against this time limit. If a scenario times out, you will still receive a feedback log on the performance and can retry again if desired.



Search Feature

A **Search** tool is displayed at the top of the menu. You can use the Search feature to locate an action or assessment in the Actions & Communication menu. This is useful if you are unable to locate an item in the menu. To use the Search feature, click the magnifying glass icon to display a search field where you can type. You can also simply start typing on your keyboard at any time to bring up the Search field.

Click the Search tab and begin typing the first few letters of an action or assessment that you would like to locate. For example, type "breathing" if you want to assess the patient's ability to breathe. The search results display all actions and questions that match what was entered. Select the appropriate action, and vSim directs you to that category.

Actions & Communication Menu

The **Actions & Communication** menu consists of tabbed options that are used to care for the patient. Let's review each of these options, their related sub-menu options, and the actions that can be performed in greater detail.

Safety Measures

Safety Measures is the first menu option. To perform an action, click the Safety Measure icon. Once a safety measure has been selected, you cannot stop or undo the action.

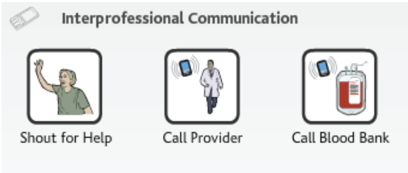
In Safety Measures, the following actions can be taken:

- Wash Hands
- Identify Patient
- Identify Relatives
- Obtain Legal Consent
- Ask About Allergies
- Verify Blood
- Put Up Seizure Pads
- Seizure Safety Measures
- Position Patient Sideways

Communication

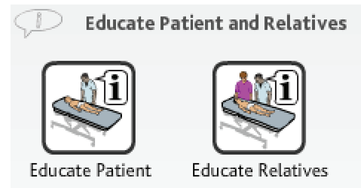
Actions related to Communication allow you to call for assistance from other clinicians or departments if the patient's condition changes or deteriorates. You can also provide education to the patient and ask important questions relative to the patient's health and medical history in order to decide what interventions or actions to perform. The following actions are performed on the Communication menu:

Interprofessional Communication may be needed if a patient's situation deteriorates or when there is a need to report back if something changes the priorities for treatment of the patient. It allows you to Shout for Help, Call Provider, or Call Blood Bank.



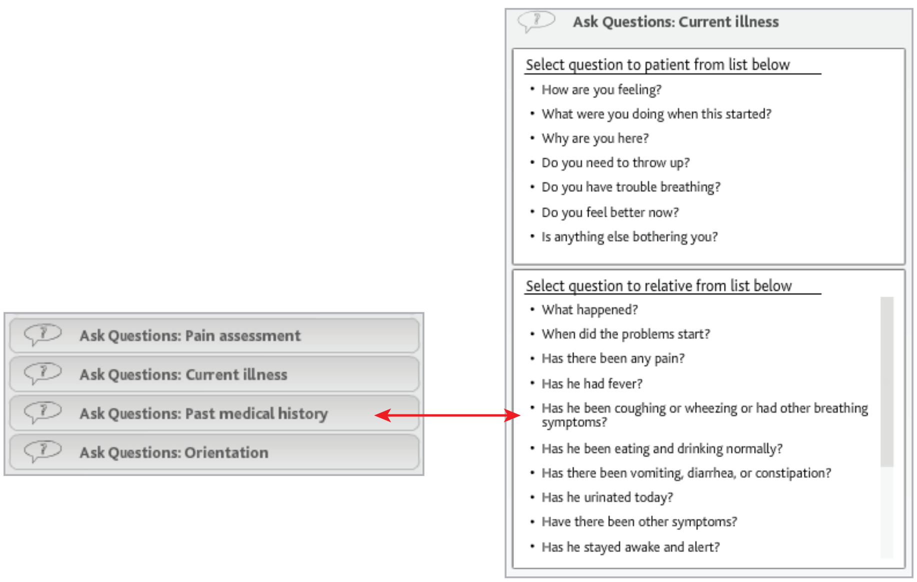
To use any Interprofessional Communication feature, click the appropriate icon and follow the actions. Once selected, Interprofessional Communication actions cannot be stopped.

Educate Patient and Relatives is the next option in the Communication menu. This option allows you to provide education to the patient and the patient's family members related to the current health problem or interventions.



Ask Questions is the final item on the Communication menu. It allows you to ask questions that are important to the patient's care. Students can question either the patient or the patient's family member. Questions are grouped under headings in four different categories: **Pain Assessment**, **Current Illness**, **Past Medical History**, and **Orientation**.

Click the desired Ask Questions category to expand it, then select from the list of relevant questions. The patient or relative will respond to the questions and, based upon the response, you can decide the appropriate actions to take.



Assessments

The Assessments menu contains all nursing assessment actions that can be performed on the patient. (Note: Ask Questions: Pain Assessment is also included in the Communication menu.) The Assessments menu contains the following categories:

Head-to-Toe Assessment—Conduct a head-to-toe assessment by hovering the mouse over the part of the patient silhouette image you wish to assess. This menu can also be used to examine only one portion of the patient's body, such as the legs.

Auscultation—Select the area of the patient silhouette. The nurse will demonstrate auscultation and describe sounds. Actual heart and breath sounds are not played in the simulator.

Vital Signs—Select the desired vital sign—for example, **Measure Temperature**—to assess.

Ask Questions: Pain Assessment—Select the question from the list and take the action that is deemed appropriate based on the patient's response.

In addition, comprehensive, more focused assessments are also included in the Assessments menu. The categories are:

Neurological, Respiratory, Cardiovascular, and Gastrointestinal & Genitourinary Assessments

Within each category are numerous detailed assessments. To perform an assessment, click the icon for the assessment. Notice that the simulated nurse automatically responds with good communication skills before and after an action is performed.

In the role of the nurse, you decide what assessments and interventions are most appropriate based on orders and the patient's needs. Using your best clinical judgment, initiate those actions. vSim responds automatically, such as enabling the heart monitor at the bottom of the scenario screen when heart monitoring actions (e.g., ECG) are selected. The actions that you perform are automatically recorded and can be viewed on the Patient Log in the EHR and at the end of the scenario in the feedback log.

After reviewing the assessment findings and referring to the EHR for provider orders, test results, and more, you are better prepared to take the intervention action(s) deemed appropriate.

Interventions

The Interventions menu contains groups of actions that can be performed when caring for the patient, such as respiratory and cardiovascular interventions. Determine the most appropriate action based on provider orders, assessment findings, and nursing judgment. For example, if a patient requires oxygen therapy, the associated actions are found under **Oxygen Therapy**. Notice that after clicking a continuous action icon, such as Attach Nasal Cannula, an **Active** label appears on the icon. This indicates that the Attach Nasal Cannula action is continuously providing oxygen and will continue until it is stopped. To stop a continuous action, simply click that icon again, and the Active label is removed.

The Interventions menu contains the following groups of actions:

Comfort Measures—includes actions to make the patient more comfortable, such as giving the patient a favorite drink or positioning the patient.

Respiratory Interventions—includes actions to assist the patient's breathing. When an action is selected, follow vSim prompts.

Oxygen Therapy—includes actions related to administering oxygen. When using an oxygen device, it's important to set the rate of the oxygen to be delivered by clicking the slide bar on the device; otherwise, the oxygen will not begin flowing.

Gastrointestinal and Genitourinary Interventions—includes actions related to urinary catheterization.

Drugs & IV Management

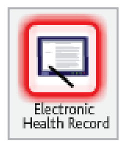
The Drugs & IV Management menu contains actions relating to administering drugs and managing IVs.

> ***Manage IV Access and Active Drugs***—includes actions related to IV access. Any IVs present and any actively infusing IV drugs are shown on the silhouette image in this menu. Select Insert IV on the desired site to initiate IV access. Click on any active infusions to jump to the Drugs and Fluids sub-menu.
>
> ***Drugs and Fluids***—select the drug and route of administration and set the dose or rate of infusion. Remember to check the provider orders on the electronic health record before administering a drug as part of ensuring the rights of medication administration. Orders can be accessed quickly by clicking the Provider's Orders icon inside the Drugs and Fluids sub-menu.

Tests & Diagnostics

Tests & Diagnostics contains actions related to diagnostic tests and radiology, such as Blood Glucose, Urine Sample, Blood Sample, Stool Sample, and Chest Radiology. After a test has been analyzed, the results are automatically updated on the EHR, and the icon on the bottom of the screen starts to flash.

Click the icon to access the EHR screen to view test results.

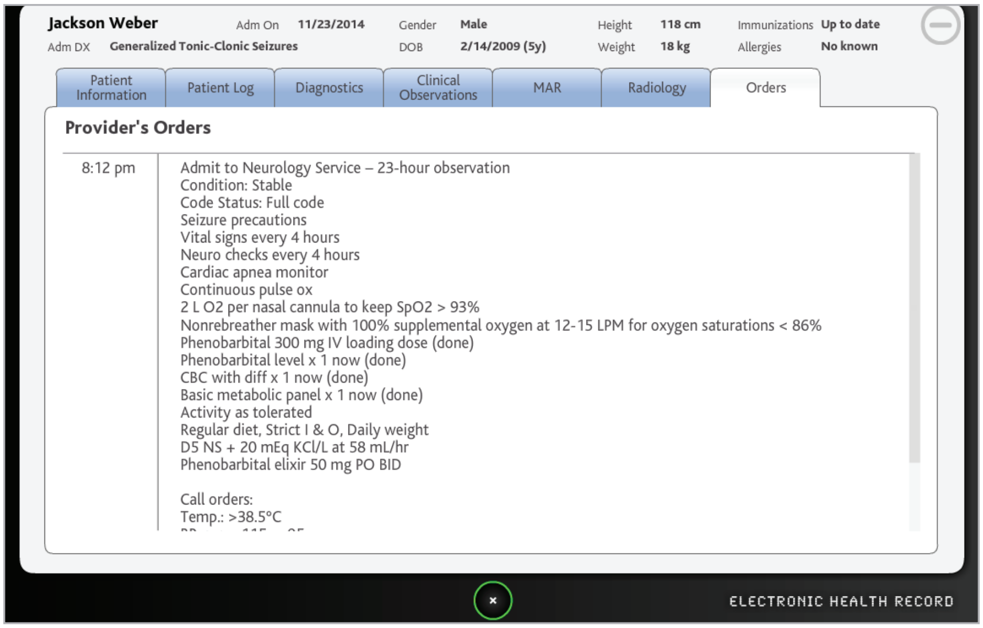


> ***TIP:*** Remember how to manage continuous actions:
>
> - To activate a continuous action, such as oxygen administration or an intravenous infusion, click the appropriate icon. The label on the icon automatically updates to Active.
> - To stop a continuous action, click the icon again. The label on the icon is removed.

Electronic Health Record

The **Electronic Health Record** (EHR) is the patient's medical chart. In addition to viewing information about your patient, it allows you to view test results, check provider's orders, verify medications administered, and review other pertinent patient information.

Actions that are performed in the scenario are automatically recorded in the Patient Log, and medications are listed in the **Medication Administration Record** (MAR). It is important to refer to the EHR throughout the scenario to help make the best clinical decisions.



The EHR header contains basic information such as the patient's name, admitting diagnosis, height, weight, date of birth, gender, and allergies. The header remains visible throughout the patient's chart.

A **Minimize/Maximize** icon is displayed when the mouse is hovered over the right edge of the EHR record.

The **Close** icon at the bottom of the screen exits the EHR screen and returns you to the scenario.

Below the header are patient chart tabs, which, when clicked, navigate to that section of the patient's chart. Notice the **Orders** tab is presently displayed above. Let's review each chart tab in greater detail:

Patient Information contains additional patient information and the patient introduction that was presented before seeing the patient.

Patient Log keeps track of interventions, communication, assessments, and other actions performed during the current scenario.

Diagnostics displays pending and complete diagnostic test results.

Clinical Observations displays clinical data for assessments performed, such as heart rate and temperature measurements. Assessments you perform are automatically updated in the EHR.

Medication Administration Record (MAR) displays information about medications (time, dose, route) administered to the patient. Information about medication administered during the scenario is automatically updated in the EHR.

Radiology displays pending and complete radiology results.

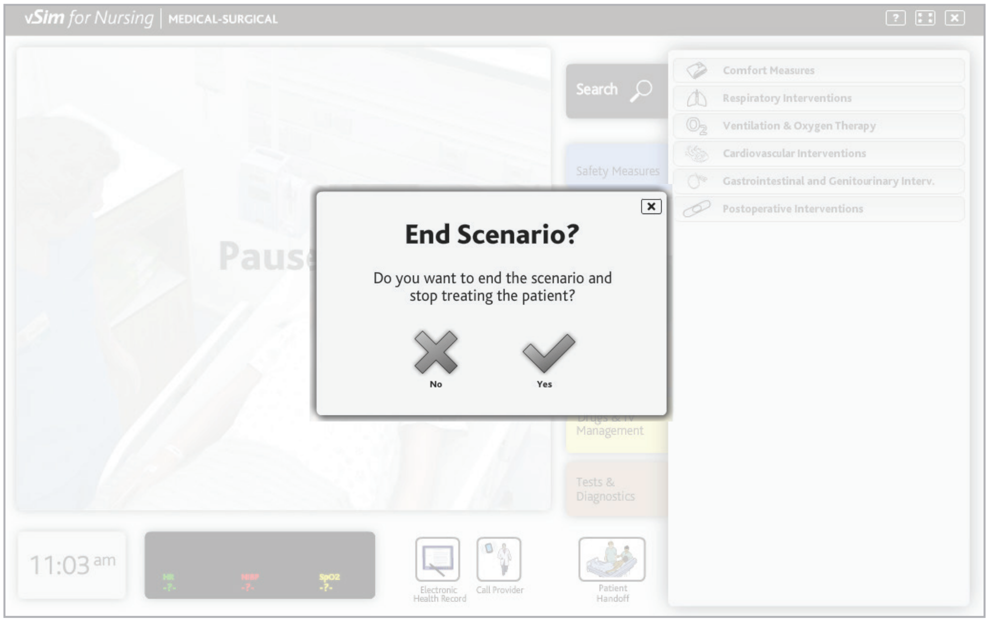
Orders displays all treatment ordered by the provider. The orders tab should be checked several times throughout the scenario, particularly prior to administering medications and performing interventions. It should also be checked prior to exiting the scenario to make sure provider orders have been completed. Click on hyperlinked drug names and procedures in Orders to access SmartSense links to expert clinical content from *Lippincott Advisor* and *Lippincott Procedures*.

TIP: Note that this EHR serves only to provide information during the simulation. This record is not *Lippincott DocuCare*, an educational EHR in which you can complete documentation assignments related to *vSim for Nursing* scenarios, as well as other scenarios and clinical patients if your instructor has elected to use this program in your class.

Ending a Simulation

When you think that you have done everything for the patient, or to end the simulation for any other reason, click the **Patient Handoff** icon at the bottom of the scenario screen.

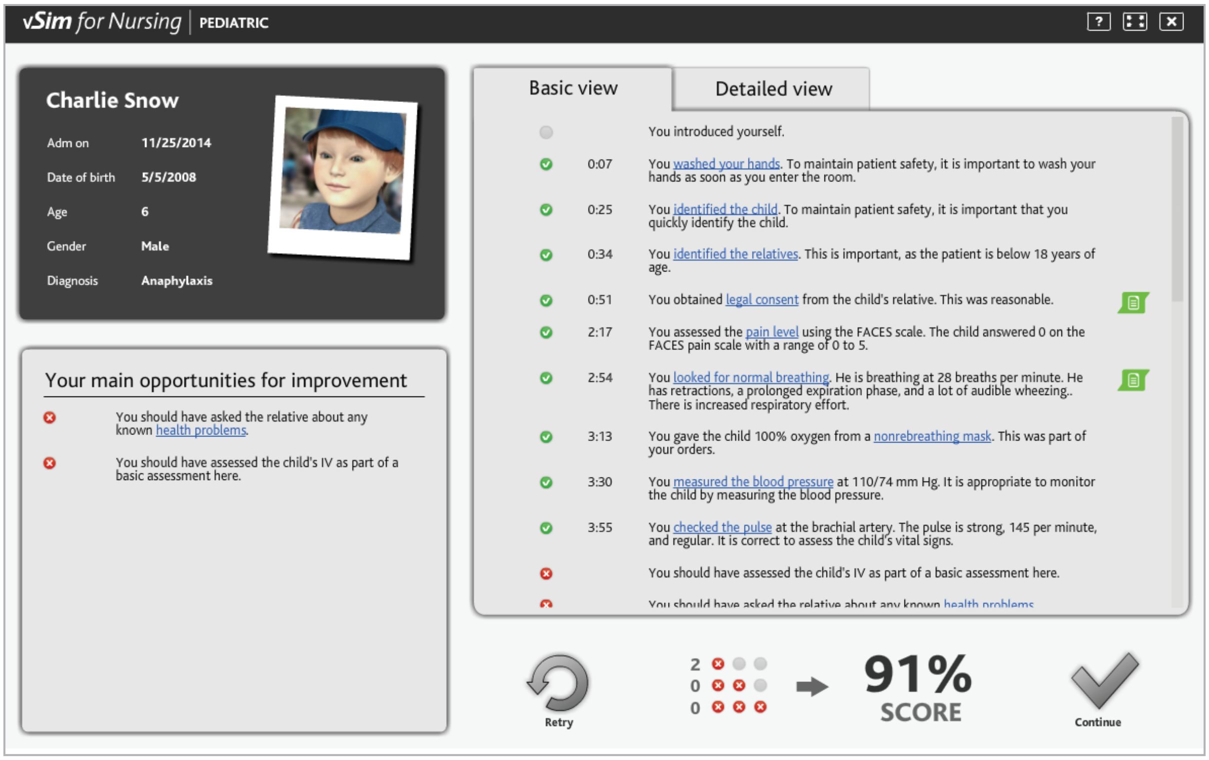
An **End Scenario** confirmation message is displayed. Click **Yes** to end the scenario.



In some scenarios, you will receive a message to care for the patient a little longer if you attempt to end the scenario before certain critical events have occurred that are essential to the learning objectives. For example, if implementing an intervention produces adverse events that you are expected to recognize, the scenario will ask you to continue working until the intervention is performed. If you attempt a Patient Handoff too early, this action may trigger events to advance in the scenario to avoid having you wait. You may also need to carry out additional provider orders to have the scenario progress in some cases. In addition, some scenarios may end automatically after certain critical events occur.

Feedback Log

After ending the simulation, you will be presented with a personalized feedback log, which outlines the actions taken with the patient and actions that you should have completed. This information changes each time you revisit the scenario and select different actions. The feedback log provides a detailed summary of the patient care provided, feedback on the appropriateness of actions for this patient, and a final score.



Main Opportunities for Improvement are displayed on the left side of the feedback screen. This section identifies up to five areas that need improvement. Scroll over the entries in this list to view the context in the log on the right. The **Basic View** of the feedback log provides a list of all actions taken or not taken, whereas the **Detailed View** provides the same list of actions but also includes patient physiology and assessment data.

You can also link to other resources for further reading and remediation. Clicking the green SmartSense icons provides a page reference in the textbook for core course information, or links to clinical content from *Lippincott Advisor* and *Lippincott Procedures*. Review these materials to gain a better understanding of the rationale for correct and incorrect actions. You can also click on hyperlinked keywords to read drug monographs or instructions on basic nursing procedures for further learning and preparation for manikin-based simulation or clinicals.

Incorrect actions or missed actions are tallied and used to determine the score, shown at the bottom of the feedback log. See "Explanation of vSim Scoring" for details about how scores are determined.

After reviewing the feedback log, you can choose to:

- Repeat the simulation, 

- Do additional readings, or
- Continue to the Post-Simulation Assessment. 

TIP: If you retry a vSim clinical scenario, you will have the option to view past results for that scenario on the patient introduction screen. Note that this only provides quick access to past feedback logs for the selected vSim clinical scenario. Go to My Results from the main *vSim for Nursing* page to view results for the Post-Simulation Quiz and for other scenarios.

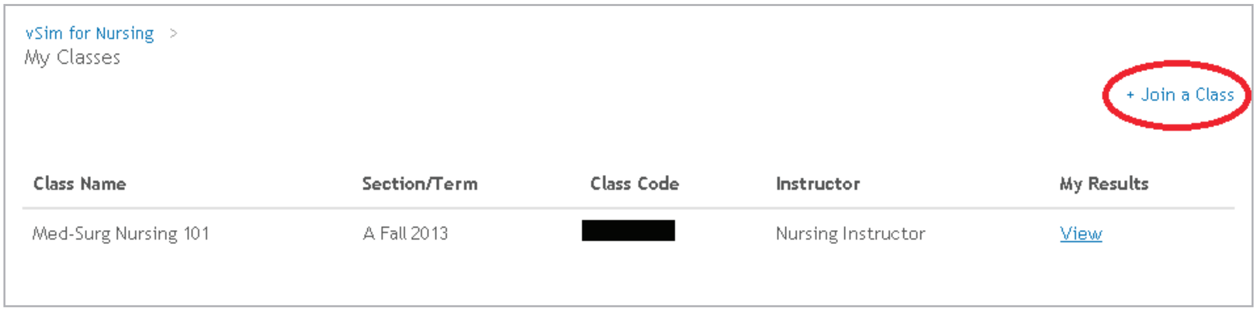
Enrolling in Your Instructor's Class

When your instructor creates a class for *vSim for Nursing* (or *Lippincott CoursePoint+,* if applicable), he or she will receive a unique **Class Code** for each class as well as instructions to give to students. Use the Class Code your instructor provides to join your class online. Once you have joined your class, your instructor will be able to view your results in *vSim for Nursing*. Your instructor will see the same results you see in My Results (see "**Reviewing My Results**" below).

You may enroll in a class the first time you access *vSim for Nursing* (see "**Initial Choices About Class Enrollment**") or at any time from My Classes. You will find a link to **My Classes** in the top right corner of each screen. Visit My Classes to view your class information or to join a class.

To join a class from the My Classes page:

1. Click the link to take you to the **My Classes** page, and select **Join a Class**.



2. Enter the Class Code provided by your instructor.
3. Select **Enroll**.
4. You will receive confirmation that your enrollment was successful. Click **Continue** to return to the My Classes page.

If you are not ready to enroll in a class, you can select **Not Now**. If you decide to enroll in a different class at another time, you can repeat this process from My Classes.

TIP: When enrolling in a class, remember that **thePoint Access Code** and **Class Code** are two different things:

- thePoint Access Code is used to set up an account at *thePoint* (thePoint.lww.com) and get access to an online product and resources.
- Class Code is used to join the class your instructor has created.

Reviewing My Results

Regardless of whether you are enrolled in your instructor's class, you can always view your work in **My Results.** When you view results, **Best Results** are presented first; you can click through to see further detail on your performance and view your full history of results for each scenario.

In general, you can view the following for each scenario:

- Pre-Simulation Quiz completion status (you receive immediate feedback and can change answers, so no score is provided)
- vSim scenario score and full feedback log
- Post-Simulation Quiz score and full quiz results

View Best Results

To view your best results for each scenario:

1. From the main *vSim for Nursing* page, click on **My Results** under vSim Student Resources to open the **Best Results** screen. Here you can see a summary of your best results for all 10 scenarios.
2. Review your best results for all scenarios. Read across the columns to see whether you have completed the Pre-Simulation Quiz and view the best scores for the vSim and Post-Simulation Quiz for each scenario.

vSim for Nursing >
My Results: Best Results

Scenario	Pre-Simulation Quiz Completed	vSim				Post-Simulation Quiz
		Score	⊗	⊗⊗	⊗⊗⊗	
Medical Scenario 1: Kenneth Bronson	✔	74 %	1	0	1	60 %
Medical Scenario 2: Jennifer Hoffman	✔	48 %	4	1	1	40 %

3. Review the detailed results for your best scores. Click on the numeric vSim score to display the feedback log for your best attempt in a new window. Click on the Post-Simulation Quiz score to display the quiz results page for your best attempt in a new window.

View All Results for a Scenario

Continue from the steps above to view your full history of all results for a specific *vSim for Nursing* scenario:

1. On the **Best Results** screen, click on a scenario title to open the **All Results** page for the selected scenario. You can now see the results for every attempt you have made for this scenario.
2. Review your progress over time. All results for the selected scenario appear in sequential order, associated with the date and time of each attempt. You can see how well you did on the first try and whether your performance has improved with each additional attempt. The best result is highlighted with a star.

vSim for Nursing > My Results: Best Results >
Medical Scenario 1: Kenneth Bronson, All Results

Pre-Simulation Quiz	✔					
vSim	Date	Score	⊗	⊗⊗	⊗⊗⊗	
	1/28/2014 8:43 PM	74 %	1	0	1	★
	1/28/2014 8:02 PM	67 %	3	0	1	
Post-Simulation Quiz	Date	Score				
	1/28/2014 8:44 PM	60 %				★
	1/28/2014 8:13 PM	50 %				

TIP: Alternatively, if you are in My Classes, you can click the link to View Results to jump over to your My Results screens.

Explanation of Scoring

In any view of My Results, you will see the scores for vSim scenarios, including a score (percentage) and number of improvement opportunities in the columns headed by one, two, and three Xs.

How does the vSim scoring work? Each expert-authored case has specific criteria that must be met in order to deliver safe, appropriate nursing care. The vSim platform records each of your decisions and compares your performance against the expert performance. At the end of the case, a numerical percentage score is calculated, and you are presented with a summary of improvement opportunities, categorized according to the following rubric.

⊗ Low risk for patient harm. The performance reflects a minor omission or commission.

⊗⊗ Low to moderate risk for patient harm.

⊗⊗⊗ High risk for patient harm.

The impact of individual omitted or wrongly performed actions on the final score is influenced by the complexity of the individual case. For example, omitting oxygen therapy in a simple scenario would result in a lower total score than omitting oxygen therapy in a complex scenario. Scores are provided to help track improvement and do not necessarily correspond to a letter grade.

Product and Technical Support

Wolters Kluwer is pleased to offer support if you need assistance with *vSim for Nursing*. Before you contact us, please be sure you have done the following:

- Note the Internet browser and version that you are using (on the browser About page).
- Go to thepoint.lww.com/systemrequirements to review the current system requirements for this product, and be familiar with the versions of software you are using.
- Copy the URL where the problem or error occurred so you can email it if needed, if possible.
- Copy the exact error message provided if an error message is displayed in the simulator. Capturing a screenshot of the error problem can be helpful.
- Write down the sequence of events that led to the problem if you encounter an issue on thePoint.

If you require technical assistance, contact Wolters Kluwer Online Product Support at 1-800-468-1128 or techsupp@lww.com. Live help is available:

Monday–Thursday:	8:00 a.m. to 12:00 a.m. EST
Friday:	8:00 a.m. to 7:00 p.m. EST
Sunday:	4:00 p.m. to 12:00 a.m. EST