



ONLINE LEARNING TOOLS

INCREASING STUDENT SUCCESS

DAVIS EDGE

Nursing student success driven by online tools.

As nursing students prepare for their professional careers, the NCLEX® is an important concern. Nursing instructors across the country want to maximize class time on content that matters most, while also encouraging students to identify and leverage study strategies that will ensure success on the NCLEX.

Online tools are an effective way to support better learning and performance for students.⁵

In order to maximize engagement & generate positive results, online platforms must provide...

- An extensive catalog of questions for student practice
- Robust rationales for all question response options
- Customized assessment tools for instructors to evaluate student strengths and weaknesses
- Adaptive quizzing functions to better prepare nursing students for the NCLEX

The Critical Role of Adaptive Quizzing in Student Success

Dynamic, adaptive learning environments are necessary to meet the needs (and expectations) of today's nursing students. Quizzing not only allows instructors to evaluate student performance, but also empowers them to devote limited class time to the most important content.² By using online tools with adaptive quizzing, instructors can collect more robust data on their students; furthermore, online tools encourage student engagement by holding them accountable for their learning and providing them with the opportunity to demonstrate mastery of the concepts critical to the NCLEX.²

Online quizzes that adjust to individual student competencies and performance are the cornerstone of an adaptive learning environment. When taking an adaptive quiz, the sequence of questions a student encounters—in terms of both content and difficulty—is generated based on that student's past success rate with the material in question.⁶

Adaptive quizzing provides critical value to students and instructors.

- Nursing students take advantage of a powerful, targeted tool to increase comprehension of concepts, develop a preparatory foundation for the NCLEX, and achieve success in nursing school.¹
- Nursing instructors are able to determine where class-time focus is needed by activating key data gathered by the tool, and isolating and identifying the strengths and weaknesses of individual students.

“It’s unlike any other program we have used... it allows instructors to see the strengths and weaknesses of their students.”

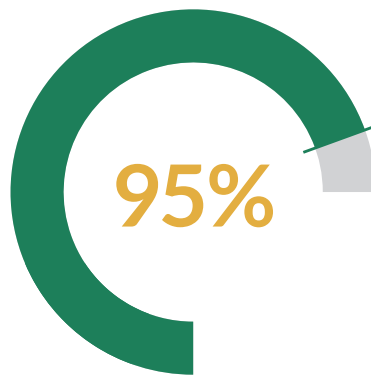
—Sarah Bundren, Applied Technology Services

Regular Practice Leads to Positive Results

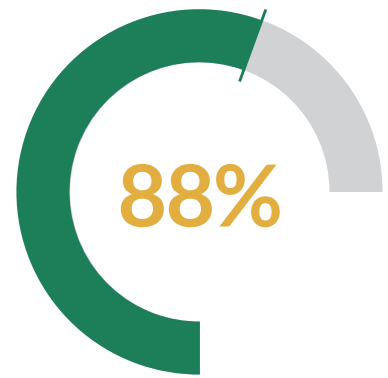
There is a positive correlation between student use of Davis Edge online tools which feature adaptive quizzing and classroom performance.



of students who received an A in their class used Davis Edge multiple times a week.



of Davis Edge students received a B or higher in their class.



of Davis Edge students felt better prepared to take the NCLEX.

“If you want to get an A in the course, get Davis Edge.”

—Alla Moyeseyuk, Mohawk Valley Community College

Decorative geometric shapes at the bottom of the page, including a large orange triangle on the left, a teal triangle on the right, and a green triangle at the bottom center.

INSTRUCTOR EXPERIENCE

As instructors structure the pacing and material of their courses, Davis Edge provides them with the tools they need to support student comprehension and drive better performance.

Davis Edge's instructor experience offers support and structures across six key functions.

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|---|-----------------------------------|---|----------------------------------|---|--|
| 1 | Tracking Comprehension | 2 | Prompting Engagement | 3 | Evaluating Individual Student Test-Taking Skills |
| 4 | Analyzing Whole Class Performance | 5 | Preparing for Program Exit Exams | 6 | Increasing NCLEX Pass Rates |

STUDENT EXPERIENCE

Nursing students balance two interrelated goals: material comprehension and exam preparation. Davis Edge helps students manage their time and energy more effectively in the service of both goals.

The Davis Edge online platform provides students with the support and structure they need.

- | | | | | | |
|---|--|---|--|---|--|
| 1 | Question-based review focused on areas of content weaknesses | 2 | Practice questions—lots of them | 3 | Thoughtful rationales that explain correct and incorrect answers |
| 4 | Quizzes that address strengths and weaknesses | 5 | Test-taking tips that prepare students for the NCLEX | | |

DAVIS EDGE

Differentiated value for unique learners

Every nursing student is unique: students process information differently and need individualized support to improve competencies and gain mastery of course material. Two factors that set the Davis Edge adaptive quizzing platform apart are (1) high-quality questions and (2) answer rationales. Each student has their own unique learning style—Davis Edge provides differentiated tools to meet their needs and ensure their success.

High-Quality Questions

Davis Edge questions are written to provoke critical thinking at the application and analysis level. When the questions nursing students encounter on adaptive quizzes engage higher-level cognition, they ensure every nursing student is challenged appropriately for their mastery of the content so far.

High-quality questions improve student engagement by avoiding repetition; they're neither too complex nor too simple. More questions also make students more prepared for exams⁶ like the NCLEX. By taking more questions, nursing students are more prepared for the NCLEX. Davis Edge quiz questions meet nursing students where they are now, empowering them to learn the material they need to succeed.

Comprehensive Rationales

Davis Edge provides detailed, thoughtful rationales for correct answer options as well as incorrect response options. Students learn more when purpose and rationale are articulated, and some students find rationales for why responses are incorrect even more informative than rationales that explain correct answers. Comprehensive rationales give students the opportunity to recognize transferable concepts that can be applied to future questions in an adaptive learning environment.⁴

INTERESTED IN LEARNING MORE?

To get more information and receive a personal walkthrough of Davis Edge...

Contact us at DavisEdge@FADavis.com

“Davis Edge is a great learning resource that reinforces course content and provides practice exam questions with rationales to foster test-taking skills.”

—Marcella Cherry, Breckinridge School of Nursing at ITT Technical

SOURCES

¹Laying the Groundwork for NCLEX Success: An Exploration of Adaptive Quizzing as an Examination Preparation Method. 2015 May;33(5):208-15. Cox-Davenport RA, Phelan JC. <https://www.ncbi.nlm.nih.gov/pubmed/25851560> [1]

²Teaching the Millennials. Nevid, Jeff. Observer - Association for Psychological Science. May/June 2011. <https://www.psychologicalscience.org/observer/teaching-the-millennials> [2]

³Survey of Davis Edge users conducted during the summer of 2016

⁴What Is 'Active Learning' and Why Is It Important? Giffins, Jess. E-International Relations. October 8, 2015. <http://www.e-ir.info/2015/10/08/what-is-active-learning-and-why-is-it-important/> [3]

⁵Mastering an Adaptive Test (or, There's More Than One Way To Skin a CAT). D'Avria. Amanda. August 25, 2010. Grad School Insider Kaplan Test Prep. <https://www.kaptest.com/blog/grad-school-insider/2010/08/25/mastering-an-adaptive-test-or-theres-more-than-one-way-to-skin-a-cat/>

⁶Test Prep: 6 Tips for GMAT Success. Burnsed, Brian. May 28, 2010. U.S. News and World Report.

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