



Sherpath EAQ

Best Practices



Understanding Elsevier Adaptive Quizzing (EAQ)

Elsevier has adaptive quizzing that is book specific and included in Sherpath as well as the EAQ-NCLEX. Consider EAQ that is in Sherpath as a tool for course specific knowledge acquisition through class preparation and unit exam study.

Types of Quizzing Options: There are 4 different quizzing options in EAQ: Mastery, Custom by Topic, and Custom by Question and NGN Cases (great for building clinical judgment)

- **Mastery** assignments provide a personalized quizzing approach with the goal of having students answer increasingly difficult questions as they move through their nursing program. There are 3 levels of Mastery: Level 1-Novice, Level 2-Intermediate, and Level 3-Proficient. All levels will provide questions with an associated increased level of difficulty as the student levels up in the product. Students must consistently answer questions correctly at each level before the product will allow them to level up. All students start at level 0 for all topics. ***Faculty and students have the option to create Mastery quizzes.***

How does Mastery work?

- It is important to note that assignments in EAQ can be created by the instructor or student. All questions that the student answers, regardless of the topic, the assignment type, or who created the assignment calculate into the student's overall level of Mastery. Questions are tagged to multiple topic areas so that students are leveling up in multiple topics on any one assignment.
 - It is also important to note that achieving a Mastery level takes time and students should not expect to achieve proficient level mastery in one day. As the quizzes are adaptive, each student will take a varying number of questions to achieve the Mastery level goal. It is important to view
 - Mastery assignments as a goal of the course and provide adequate time to complete the assignment.
- **Custom by Topic** assignments allow the instructor to select a topic and a specific number of questions for students to complete. Questions are randomly selected for each student based on their current Mastery level of the topic. ***Faculty and students have the option to create Custom Quizzes.***
 - **Custom by Question** assignments allow the instructor to build a quiz by choosing questions relevant to the selected topic area. On this type of quiz all students receive the same questions. ***Only Faculty can create Custom-by-Question quizzes.***
 - **NGN Clinical Judgment Case Studies** these assignments include both 6-item unfolding case studies as well as stand-alone trend and bow-tie items. ***Faculty and students have the option to select NGN quizzes.***



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Ideas for use across the curriculum

Student Driven Success

- When learning new topics/concepts students can create quizzes in EAQ to help ensure they have a basic understanding of the topic – Novice level is a good goal
- Prior to unit exams students should be ready to answer more difficult questions – Intermediate level is a good goal
- Prior to the course final or standardized assessment students should be able to answer the most difficult questions in EAQ – Proficient level is a good goal
- Prioritize Mastery Quizzing to focus on topics/concepts covered on course exams.
- Enhance student learning through EAQ journaling
 - Have students keep a journal and write down questions they miss or are not confident answering. Students should review the provided rationale carefully and refer to the identified textbook reference to go back and read information related to what they missed.
 - Have students write 2 sentences in their EAQ journal in their own words explaining why they missed the question and what they learned.
- Use EAQ to remediate
 - Have students create quizzes with a goal of achieving higher levels of Mastery related to unit exam content that they missed
- Set a goal to answer a minimum number of questions per week

Instructor Driven Success

- Ensure students understand how Adaptive Quizzing works and emphasize the benefits
- Make EAQ part of the weekly routine.
 - To help students achieve mastery, create weekly custom quizzes. For example, consider a 30-question custom quiz covering pertinent chapters each week. This is particularly helpful if you are covering multiple (3+) chapters weekly.
- Progress students in their Level of Mastery throughout the course
 - Novice – Assign when content is first introduced
 - Intermediate – Assign prior to Unit Exams. Assign several days prior to the Unit Exam to give students additional time to study
 - Proficient – Assign prior to course final/standardized assessments
- **Prioritize Mastery Quizzing!** Reserve Mastery Quizzing for “most important” topics/concepts. Use HESI Focus Chapters as your guide.

The Nursing Education Team at Elsevier developed this document to guide you with strategies for using EAQ in Sherpath in your nursing program, based on years of experience helping faculty integrate the Elsevier Adaptive Quizzing into the curriculum.

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