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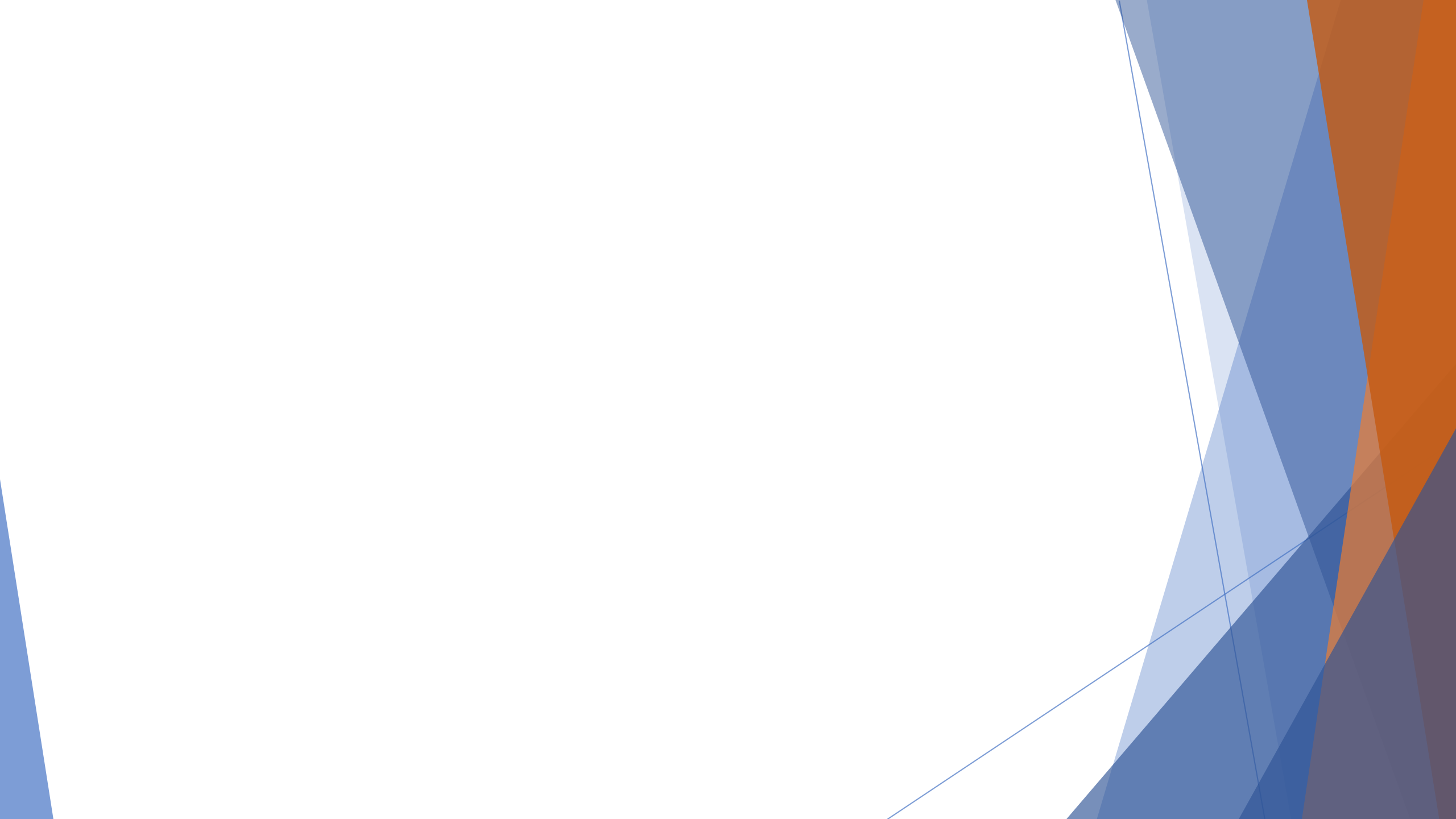
Next Gen NCLEX: Maximizing Your Testing Environment

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Thanks to our Instructional Design Team

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- ▶ Oliver Conrad



Objectives

- ▶ Briefly identify new questions
- ▶ Discuss student progression and plan for incorporation of Next Gen
- ▶ Discuss the Test Plan and Good Testing Practice
- ▶ Discussion of Incorporation of NGN Questions with current resources

New Questions

Unfolding Case

Highlight

- Text
- Table

Drag and Drop

- Cloze
- Rationale

Multiple Choice

- Multiple Choice
- Matrix Multiple Choice

Drop Down

- Cloze
- Table
- Rationale

Multiple Response






- Multiple Response N
- Multiple Response ALL
- Multiple Grouping
- Matrix

Stand Alone

- Bow Tie
- Trend

Nursing Process	Tanner's Clinical Judgement	National Council of the State Board of Nursing Clinical Judgement Measurement Model - NCSBN CJMM
Assessment	Noticing	Recognize Cues
Analysis	Interpreting	Analyze Cues/Prioritize Hypothesis
Planning	Responding	Generate Solutions
Implementation	Responding	Take Action
Evaluation	Reflecting	Evaluate

COGNITIVE SKILLS AND NGN ITEM TYPES

TYPES →	 Highlight (HI)	 Drop-Down (DD)	 Multiple Response (MR)	 Multiple Choice (MC)	 Drag and Drop (DND)
COGNITIVE SKILLS ↓	<ul style="list-style-type: none"> • HI Text • HI Table 	<ul style="list-style-type: none"> • DD Cloze • DD Rationale • DD Table 	<ul style="list-style-type: none"> • MR Select N • MR Select All • MR Grouping • Matrix MR 	<ul style="list-style-type: none"> • MC – Single Response • Matrix MC 	<ul style="list-style-type: none"> • DND Cloze • DND Rationale
Recognize Cues	X	X	X		X
Analyze Cues		X	X	X	X
Prioritize Hypotheses		X	X		X
Generate Solutions			X	X	X
Take Actions		X	X	X	X
Evaluate Outcomes	X		X	X	X

Test Plan

The background of the slide features abstract, overlapping geometric shapes in various shades of blue and orange. The shapes are semi-transparent, creating a layered effect. The colors range from light, airy blues to deep, rich blues, and from warm, vibrant oranges to muted, earthy browns. The overall composition is modern and clean, with the shapes primarily concentrated on the right side of the frame, leaving the left side mostly white.

Test Plan: Amount of **new** NGN items

Super high functioning/Low functioning

- ▶ 18 new items
 - 3 Next Gen cases with 6 new questions each
- ▶ 52 traditional items
- ▶ 15 unscored items
- ▶ **18/85 or 18/70 (26%)**

Standard test

- ▶ 18 new items
 - 3 Next Gen cases with 6 new questions each
- ▶ 117 traditional items
- ▶ 15 unscored items
- ▶ **18/150 (total) or 18/135 (13%)**

***** Plan for 15% of new test items to be NGN**

Test Plan: good test practices

- ▶ 50 question exam (7-8 NGN questions)
- ▶ Practice new items in class or offer some practice items
- ▶ Consider writing new items with peer group
- ▶ Use resources (with prewritten items)
 - ▶ Enclosed Appendix
 - ▶ NCSBN Resource site
 - ▶ <https://www.ncsbn.org/next-generation-nclex.htm>
 - ▶ Princeton Review (FREE for 30 days, 3200 questions)
 - ▶ <https://secure.princetonreview.com/purchase/receipt?trial=1>

Considerations

- ▶ Don't panic!
- ▶ Explore what you have currently have
 - ▶ Learning Management System (eg Blackboard, Canvas)
 - ▶ Books (Elsevier, Lippincott, etc)
 - ▶ Testing Systems (Exam Soft, ATI, HESI, etc)
 - ▶ Other

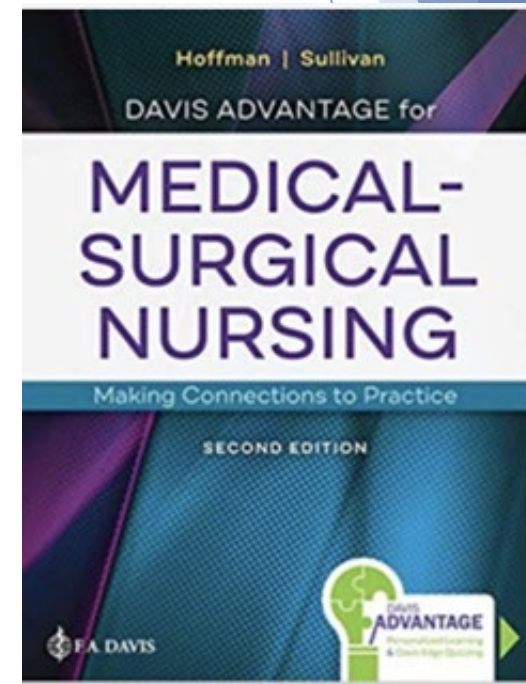
Text Resources



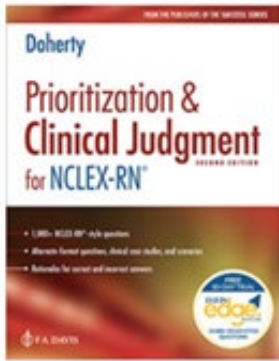
FA Davis:

Hoffman, J., & Sullivan, N. (2020). *Medical surgical nursing: Making connections to practice* (2th ed.). FA Davis

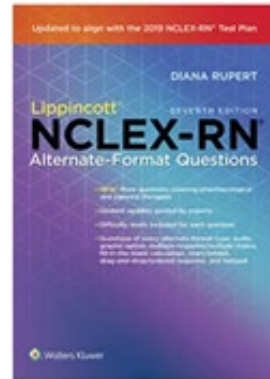
- ▶ Incorporates NGN questions with the text
- ▶ Text must be bought new to use online material



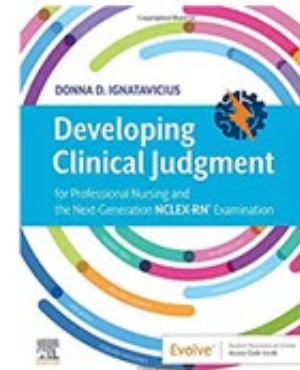
Other Resources



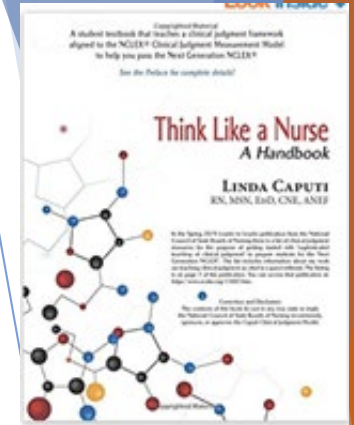
Dougherty, C. (2020)



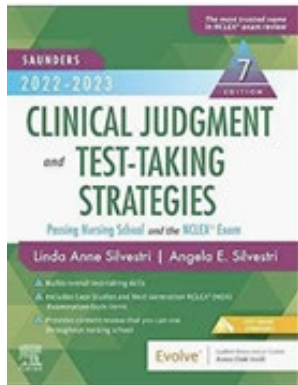
Rupert, D. (2020).



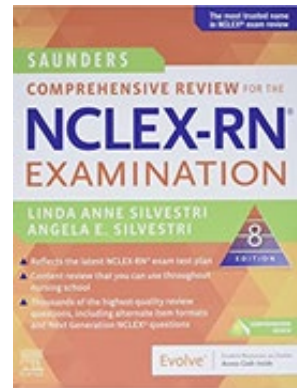
Ignatavicius, D. (2021).



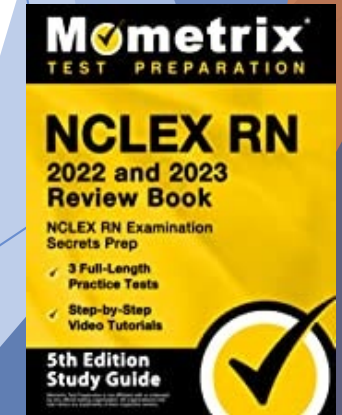
Caputi, L (2022)



Silvestri & Silvestri. (2022)



Silvestri & Silvestri. (2022)

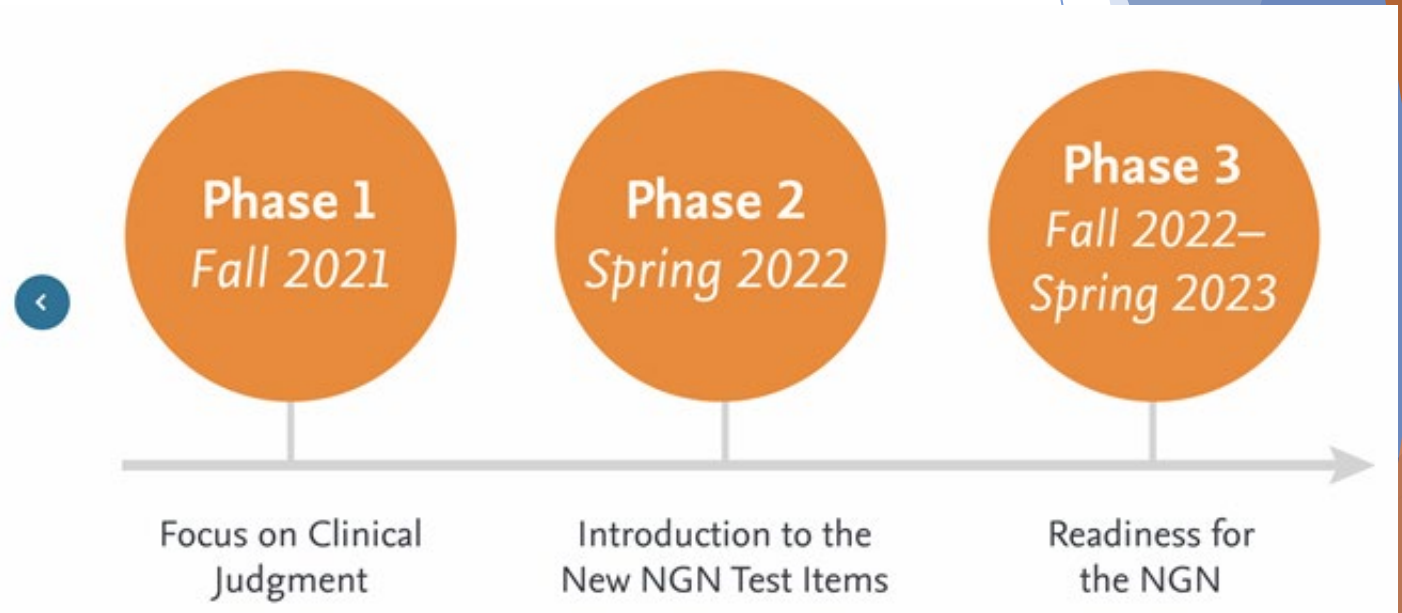
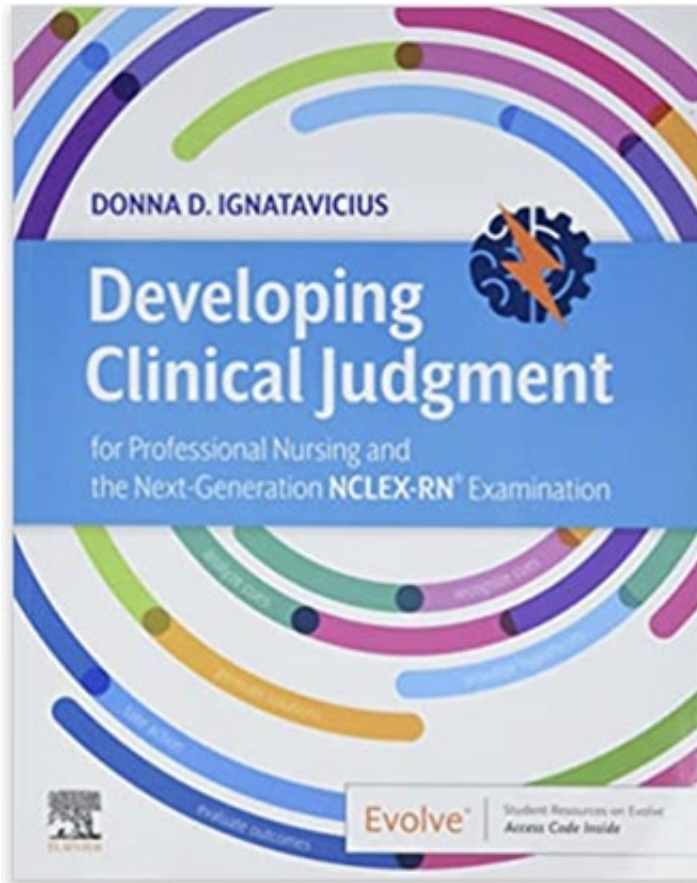


(Mometrix, 2022)

Book Comparison

	Dougherty	Ignatavicius	Rupert	Silvestri & Silvestri	Silvestri & Silvestri
Sample Next Gen Questions	-	X	x	X	x
Focus	Brief summary on test taking; no focus on Next Gen; Sample questions with answers and rationale for every body system	Intro on transitioning from Nursing Process to Clinical Judgement, test taking Content broken down into content areas : Med Surg, OB and Pharmacology	Review via clinical are: Fundamentals, Med-Surg, Maternal Health, Pediatrics, Mental Health	Strategic Focus (how to take a test, minimizing anxiety, etc) Delegation Communication Prioritization Content (Med Surg, OB, etc)	Review via: Foundations, Pediatrics, Oncology, Endocrine, Growth and Development, etc
Case Studies	X (One chapter - ongoing cases)	x	x	x	x
Comprehensive Exam	X		x		x
Online Resource	30 day trial with Davis Edge and 10,000 database of NCLEX questions	Evolve (considers links to textbooks- like Lehne's Pharmacology)	>600 NCLEX questions on the Point	Evolve (one time code)	Evolve

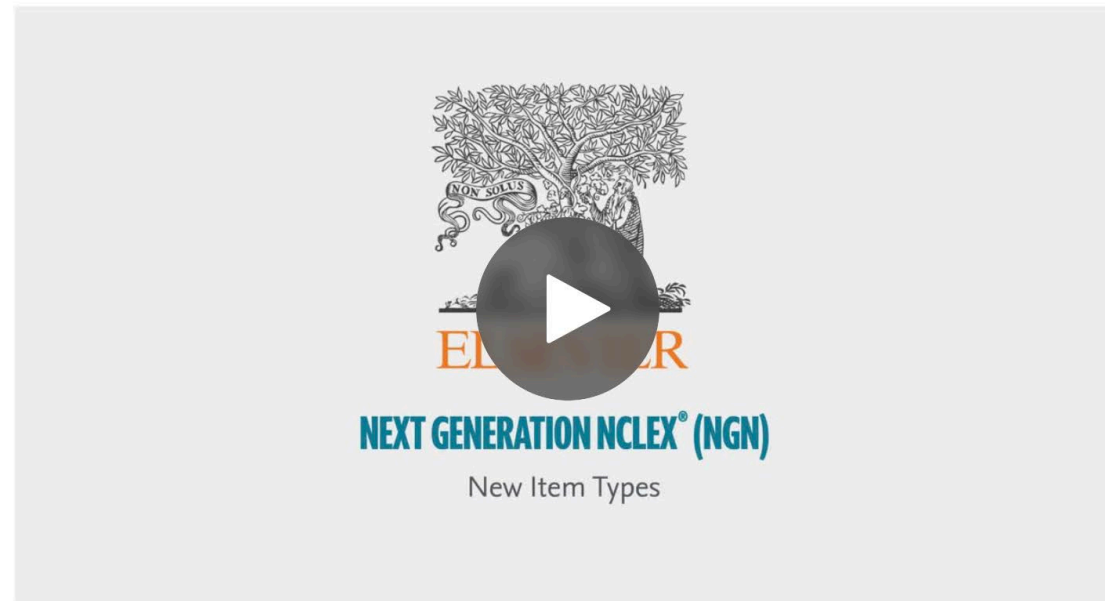
Elsevier



<https://evolve.elsevier.com/education/next-generation-nclex/>

Elsevier New Question Types

- ▶ <https://evolve.elsevier.com/education/next-generation-nclex/ngn-item-types/>



New Item Types Overview

Item Types:

- Drag and drop
- Drop Down
- Multiple Choice
- Multiple Response
- Highlight
- Bowtie
- Trend

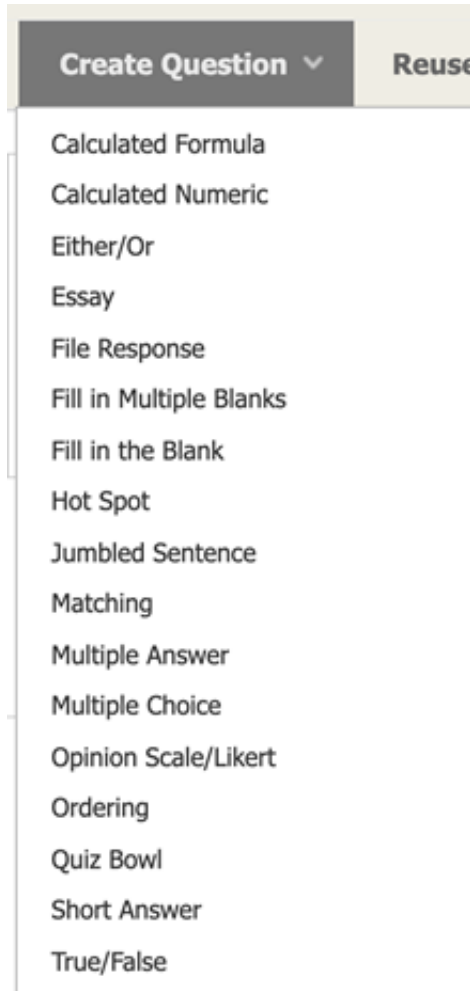
Other Resources for Student Practice Questions

- ▶ Nursing Tip (\$76/ unlimited access - 21,000 questions)
 - ▶ <https://nursingtip.com/membership-levels/>
- ▶ Princeton Review (FREE for 30 days, 3200 questions)
 - ▶ <https://secure.princetonreview.com/purchase/receipt?trial=1>
- ▶ Davis Edge (FREE for 30 days, 10,000 questions) - advertised with Doherty text

Software: LMS

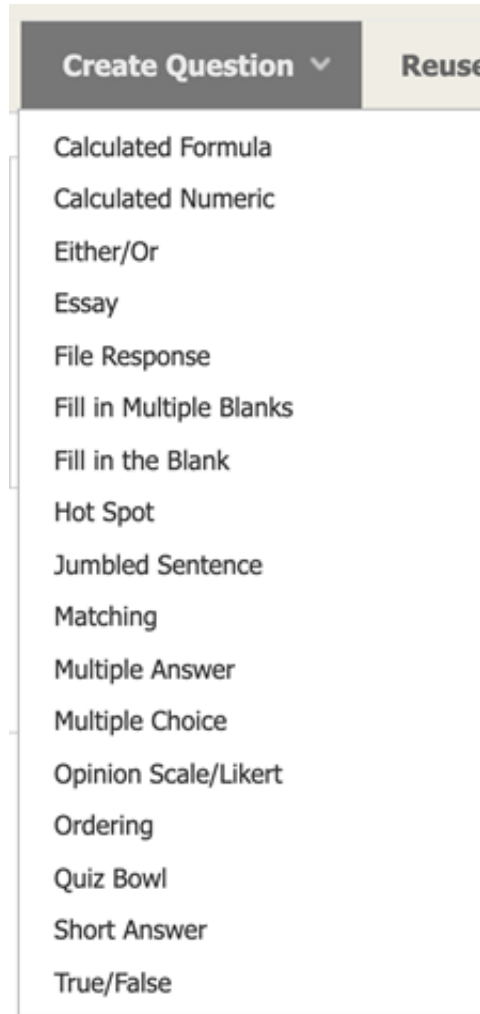


Blackboard: Multiple Choice and Multiple Answer



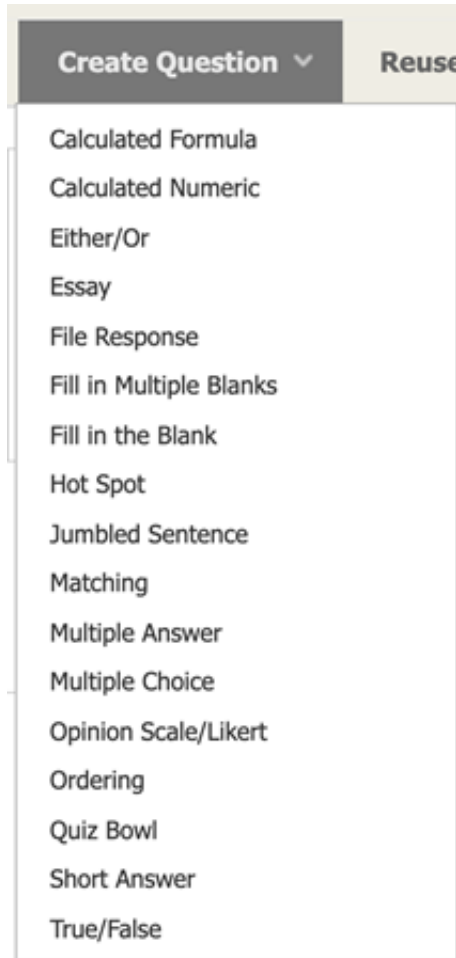
- Be sure to let the students know the “indicator”
- Can perform the following questions:
 - Multiple choice
 - Select all that apply
 - Select N
- Scoring is an issue
 - Cannot do negative scoring

Blackboard: Hotspot



- Select and upload a picture and identify area that should be selected
- ▶ Links to further investigate:
<https://www.youtube.com/watch?v=vb3ZeiBMXVY>
- ▶ <https://www.youtube.com/watch?v=giv4P1HY3WU>

Blackboard: Ordering



- Take items and put them in the order that should be completed
- Links to further investigate:
<https://www.youtube.com/watch?v=IChRj9STe7Q>

Blackboard

- ▶ Recommend:
 - ▶ All or nothing scoring
 - ▶ There is no negative scoring
 - ▶ Can grant partial credit (*not recommended*)
 - ▶ Student can select all options and get “full credit”

Canvas

- ▶ Two options: Classic or New Quizzes

Choose a Quiz Engine ×

Canvas now has two quiz engines. Please choose which you'd like to use. [Learn more about the differences.](#)

Classic Quizzes

For the time being, if you need security from 3rd-party tools, Speedgrader, or CSVs for student response analysis, this is the better choice.

New Quizzes

This has more question types like hotspot, categorization, matching, and ordering. It also has more moderation and accommodation features.

Canvas

▶ Classic Quiz

- ✓ Multiple Choice
- True/False
- Fill In the Blank
- Fill In Multiple Blanks
- Multiple Answers
- Multiple Dropdowns
- Matching
- Numerical Answer
- Formula Question
- Essay Question
- File Upload Question
- Text (no question)


Canvas

▶ New Quizzes

- ▶ New formats
- ▶ Allows for Banking (grouping)

▶ In general

- ▶ There is no negative scoring
- ▶ Can grant partial credit

Insert Content 

+ Categorization	+ Essay
+ File Upload	+ Fill in the Blank
+ Formula	+ Hot Spot
+ Matching	+ Multiple Answer
+ Multiple Choice	+ Numeric
+ Ordering	+ True or False

+ Stimulus

Testing Software

- ▶ Exam Soft
- ▶ HESI
- ▶ ATI

Exam Soft

<https://examsoft.com/programs/nursing>

- ▶ Categorize exam questions to NCLEX-specific learning objectives, programmatic goals, or accreditation standards
- ▶ Choose from multiple assessment types that fit the hands-on learning found in nursing education
- ▶ Get advanced exam security features that protect exam integrity and deter academic dishonesty
- ▶ Does not have negative scoring

HESI

- ▶ Practice for NGN NCLEX
 - ▶ Can register FREE for 30 days
 - ▶ <https://study.com/academy/course/hesi-admission-assessment-exam.html>
- ▶ Phenomenal resource
 - ▶ Preparing For The NextGeneration NCLEX® (NGN) A “How-To” Step-By-Step Faculty Resource Manual
 - ▶ https://evolve.elsevier.com/education/wp-content/uploads/sites/2/NGN_FacultyGuide_Final.pdf

HESI Exam Testing Training

HESI Next Generation (HESI NG) Training Recorded Webinar: Basic Functionality

In this webinar, an Elsevier Product Trainer will introduce you to HESI Next Generation Testing – Exam Administration. This session provides a step-by-step guide to setting up and administering your HESI NG Exams. This webinar takes approximately 60 minutes.



HESI Next Generation
Exam Administration



Setting up a HESI NG Exam (3 Videos)

This video demonstrates the process of scheduling a HESI Next Generation (HESI NG) Exam.



Educator

Welcome to HESI.



You are about to embark on
using a powerful set of tools and
resources, ...



Giving a HESI NG Exam (4 Videos)

This series of video will walk you through how to: Admit Students to a HESI NG Exam, Troubleshoot Student HESI NG Exam Issues, How to Monitor the Activity Feed, and How to Reconnect a Student that has Disconnected During a HESI NG Exam.



Educator

HESI NG: Admitting
Students to an Exam



After the HESI NG Exam (2 Videos)



Educator

HESI Next Generation



Student Results



ELSEVIER



HESI Next Generation

HESI NG

Implementation (6

Videos)

<https://evolve.elsevier.com/education/training/hesi-exam-testing/>

ATI

WELCOME TO ATI!

What's New as of December 16, 2021:

(Note: You can access this information on the SUPPORT menu under What's New.)

- **Looking for The Leader?** It has been updated with the new name, **Nurse's Touch: The Leader**.
- **New versions of these products are available.** (Former versions being retired in January 2022.)
 - The Communicator (New Version: **The Communicator 2.0**)
 - The NCLEX Experience PN (New Version: **The NCLEX Experience PN 2.0**)
 - The NCLEX Experience RN 2.0 (New Version: **The NCLEX Experience RN 3.0**)
- **Online practice assessments with Next Generation NCLEX items** are now available for Fundamentals & Mental Health! Click [here](#) to go to the ASSESSMENTS tab and enable!
- **New Next Generation NCLEX Item Now Available! -- BOW TIE!** The resources and instructions you need to build Bow Tie items are located directly in the Custom Assessment Builder tool! Once in Assessment Builder, look for the red **Need Help?** button to access more information.
- **Are your students nervous about Next Generation NCLEX?** Click [here](#) to check out Next Generation NCLEX Questions Overview.

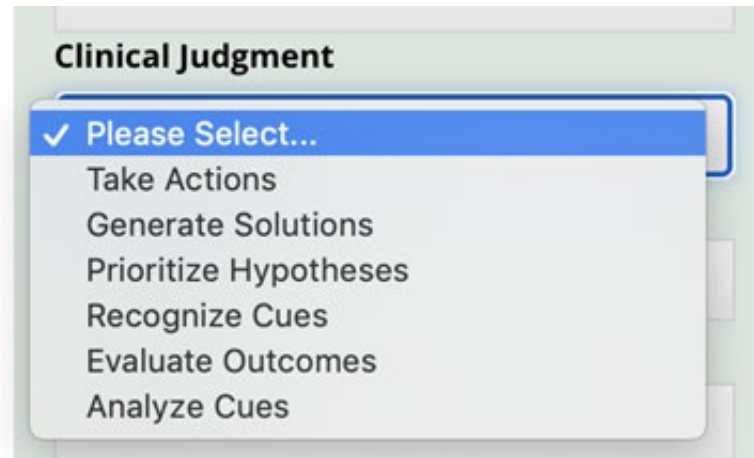
New to ATI? Click the **Get Started** button (below) for an introductory tour of your ATI experience.

Get Started!

Remind Me Later

ATI

- ▶ Can generate questions (Next Gen for Proctoring or Practice based on your specifications)
 - ▶ Question Type
 - ▶ Or area of interest - Clinical Judgement (See below)



Question Types

STANDARD

- Fill In The Blank Numeric ⓘ
- Hot Spot - Image ⓘ
- Single Select - Multiple Choice ⓘ
- Multiple Select - Select All That Apply ⓘ
- Drag and Drop - Ordered Response ⓘ

CLINICAL JUDGEMENT NGN

- Drag-and-Drop Cloze ⓘ
- Drag-and-Drop Rationale ⓘ
- Drop Down - Cloze ⓘ
- Drop Down Rationale Dyad ⓘ
- Highlight Text ⓘ
- Matrix Multiple Choice ⓘ
- Matrix Multiple Response ⓘ
- Multiple Response - Select All That Apply ⓘ
- Multiple Response - Select N ⓘ

Can create your own Questions in Next
Gen Format

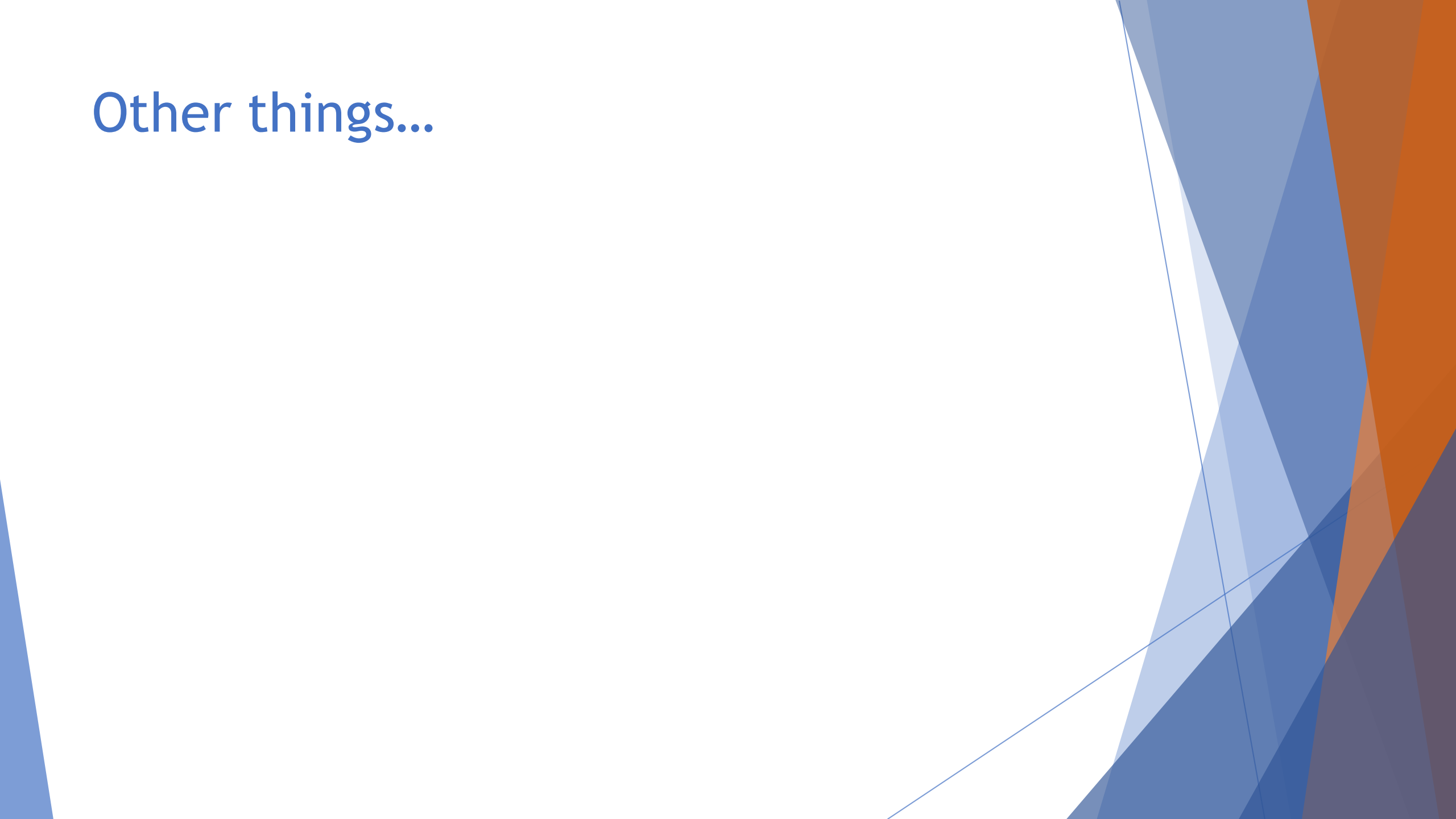
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ATI

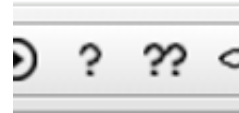
<https://www.atitesting.com/educator/next-gen-nclex>

- ▶ Matrix multiple-choice
- ▶ Matrix multiple-response
- ▶ Multiple-response: Select all that apply
- ▶ Multiple-response: Select N
- ▶ Multiple-response: Grouping
- ▶ Drag-and-drop: Cloze
- ▶ Drag-and-drop: Rationale
- ▶ Drop-down: Cloze
- ▶ Drop-down: Rationale
- ▶ Drop-down: Table
- ▶ Highlight: Text
- ▶ Highlight: Table

Other things...



Soft Chalk



Quiz Popper

- ▶ Matching
- ▶ Multiple Answer
- ▶ Multiple Blanks
- ▶ Multiple Choice
- ▶ Ordering
- ▶ Sentence completion



SoftChalk

Activity

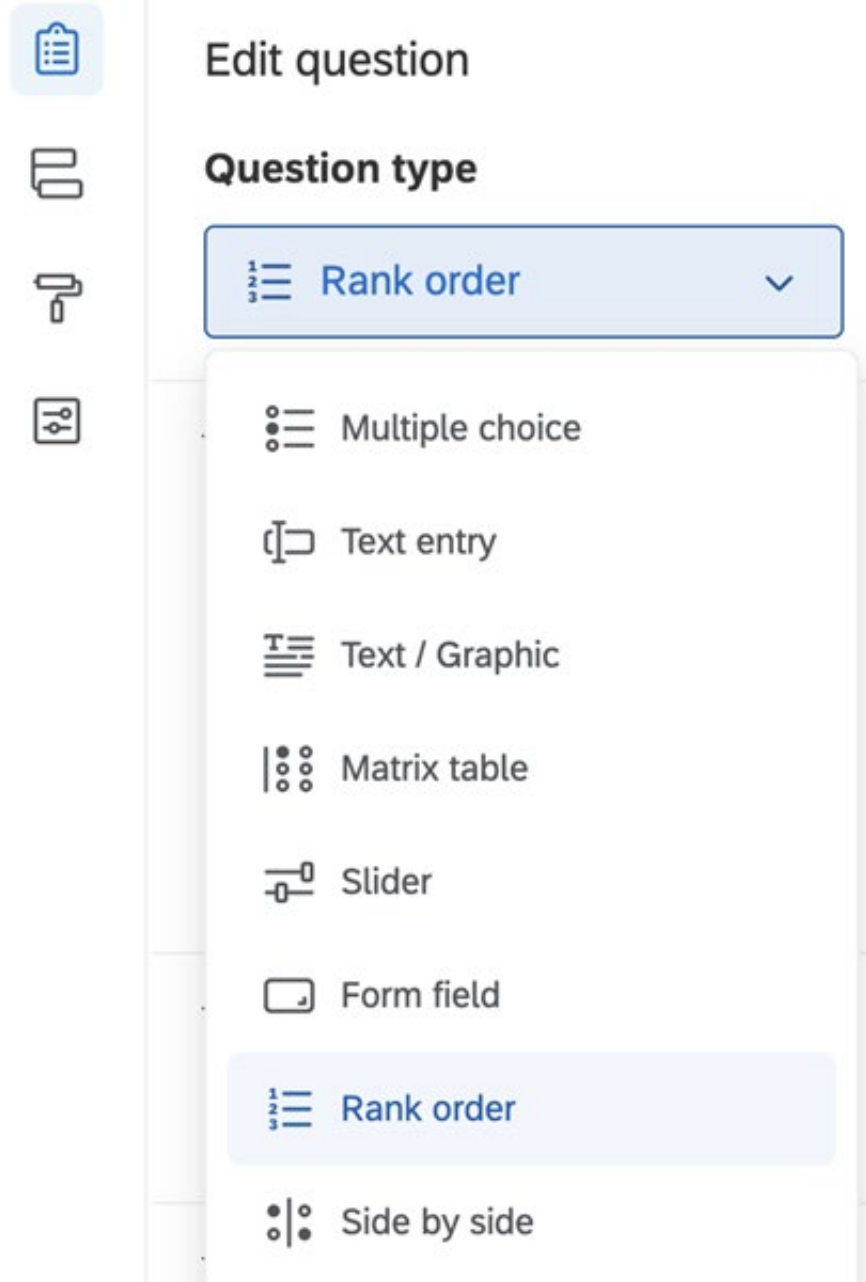
- ▶ Drag N Drop
- ▶ Hot Spot
- ▶ Ordering
- ▶ Pairs
- ▶ Timeline

Create an Activity ✕

 Connections	 Crossword	 Drag 'N' Drop	 Flashcard	 Hot Spot
 Identify	 Image Map	 Image Matching	 Labeling	 Memory
 Ordering	 Pairs	 Slideshow	 Sorting	 Timeline
 Wordsearch				

Qualtrics

- ▶ Multiple Choice
- ▶ Multiple Answer
- ▶ Matrix
- ▶ Rank Order
- ▶ Hot Spot
- ▶ File Upload



The screenshot shows the 'Edit question' interface in Qualtrics. On the left, there is a vertical toolbar with icons for a clipboard, a list, a hot spot, and a matrix. The main area is titled 'Edit question' and contains a 'Question type' dropdown menu. The dropdown is currently set to 'Rank order' and is open, showing a list of available question types: Multiple choice, Text entry, Text / Graphic, Matrix table, Slider, Form field, Rank order (highlighted), and Side by side.

Edit question

Question type

Rank order

Multiple choice

Text entry

Text / Graphic

Matrix table

Slider

Form field

Rank order

Side by side

Qualtrix- How to resources

- ▶ Multiple Choice ▶ <https://www.youtube.com/watch?v=EPld2Yzy3To>
- ▶ Matrix Question ▶ <https://www.youtube.com/watch?v=pzpAMyRfJE8>
- ▶ Different Questions ▶ <https://www.youtube.com/watch?v=nqdrkUApbxU>

Qualtrix Help Community:

https://community.qualtrics.com/XMcommunity/?utm_campaign=xm+community&utm_medium=product&utm_source=help

In summary... **YOU GOT THIS!**

The background features abstract geometric shapes in various shades of blue and orange, overlapping and creating a dynamic, modern aesthetic. The shapes are primarily triangles and polygons, some semi-transparent, set against a white background.

References

- ▶ ATI. (2022). <https://www.atitesting.com/educator/next-gen-nclex/ncsbn-updates>
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