

# NEXT GENERATION NCLEX TRAINING

Presented by  
**Monica J. Harmon, MSN, MPH, RN**

# Objectives

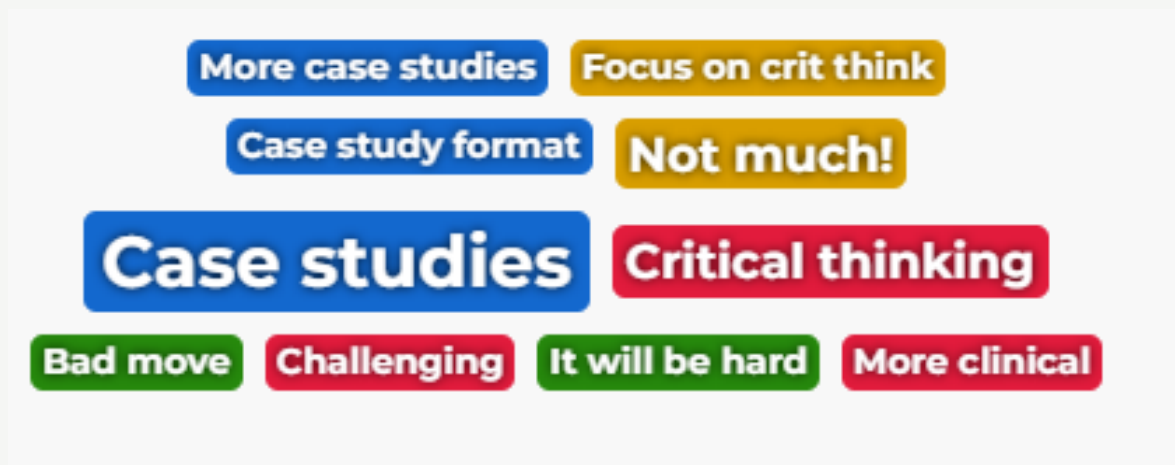
- Introduce/Present Next Gen NCLEX
- Clarify Next Gen NCLEX
  1. Types of questions – share examples
  2. Reliability
  3. NextGen – Clinical judgment
- Learn about additional NCSBN resources related to the exam, including further opportunities for involvement

# ICE BREAKER

- How would you describe NextGen NCLEX as a weather forecast?



- What have you heard about NextGen NCLEX?



# Basic Premise of the NCLEX

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The NCLEX measures the foundational knowledge and skills needed for safe nursing practice for entry-level nurses despite academic background.

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Every three years, NCSBN conducts a practice analysis to evaluate the knowledge, skills, and abilities needed for entry-level practice & evaluate the validity of the test plan for the licensure examination.

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Practice analyses have highlighted changes in healthcare (i.e., an increase in acutely ill clients, clinical judgment, delegation, & decision-making).

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Nurses are responsible for a significant proportion of the judgments and decisions made in healthcare, and newly licensed nurses are required to make progressively more complex decisions about patients.

# How Did We Get Here?

**2009** - NCSBN reviewed several research reports and engaged in professional discussions with nursing experts on the importance of clinical judgment in nursing.

The report found that **50% of entry-level nurses** were involved in practice errors, **65%** of entry-level nurse errors were related to poor clinical decision-making & only **20%** of employers were satisfied with the decision-making abilities of entry-level nurses.

**2012-2014** – Two studies provided showed the importance of clinical judgment in entry-level nursing.

Major findings → clinical judgment, problem-solving, critical thinking, professional communication, & active listening were the top five high-priority skills.

Clinical judgment = problem-solving + critical thinking

# How Did We Get Here?

## RN Knowledge Survey

- Clinical judgment was rated between 'important' and 'critically important' by newly licensed RNs, RN educators, and RN supervisors & across the facility categories of hospitals, long-term care, community-based care, and other care settings.

2017

2018

## LPN/LVN Practice Analysis

- The findings showed entry-level PN was expected to provide care using the nursing process framework and make the necessary clinical judgments within their scope of practice.

# How Reliable Is Next Gen NCLEX?



NCSBN has conducted and continues to conduct multi-year studies to support the development of a Next Generation NCLEX (NGN).



Research studies analyze current items and document the validity of the items to measure clinical judgment.



Validity evidence includes:

- 1) the extent to which clinical judgment can be measured,
- 2) numerous item writing panels comprised of nurse faculty to write items aligned with the NCSBN Clinical Judgment Measurement Model (NCJMM), &
- 3) nursing experts (nursing faculty, clinical educators, clinicians, and numerous committees made up of experienced nursing experts) reviewing items to ensure the relevance



# How Is Clinical Judgment Defined?



Based upon extensive literature reviews in nursing, decision theory, and testing.



The result was the assessment framework referred to as the ***NCSBN Clinical Judgment Measurement Model (NCJMM)***.



***NCJMM*** is a framework designed for and specific to testing and should not be construed as a replacement for other evidence-based theories of nursing theory or practice.



The ***NCJMM*** does not compete with the Nursing Process or specific pedagogical or andragogical models around the teaching of clinical judgment.



***NCJMM*** provides a systematic, evidence-based framework for measuring whether nurse licensure candidates demonstrate at least minimal competence with respect to ***clinical judgment and decision-making***.

# What Can Be Expected of the NGN?

- The *NCJMM* can be applied to almost any clinical scenario, including topics such as legal rights and responsibilities, ethics, etc.
- Research will continue on applying the model to all topics covered in the NCLEX test plan.
- Research section began in July 2017.
- Item development is being conducted internally.
- NCSBN plans to provide information to test preparation and publishing companies later after our research has been validated and the test design has been determined.
- The Next Generation NCLEX will become effective beginning April 1, 2023.

# What Can Be Expected of the NGN

- Test rigor will not change the new exam.
- The new exam will continue maintaining the high-level reliability and accuracy that is expected of the NCLEX
- Continues standard of excellence in the regulation of nursing practice with a focus on public safety and health care needs.

# For Educators

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Educators can immediately begin incorporating the clinical judgment measurement model into their curriculum.

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The model can be used in various nursing education settings, such as simulation labs, clinical rotation post-conference, and standard written exams.

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The Spring 2019 Next Gen NCLEX Newsletter is a useful tool for developing clinical judgment assessments for students.

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NCSBN has begun providing education to faculty.

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***Shameless Plug Alert*** → NCSBN encourages faculty to apply for [item writing volunteer opportunities](#), including regular NCLEX-style item writing and NGN item writing panels.

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Wide outreach to educators, students, and test preparation companies to ensure adequate preparation before any exam changes.

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Educators can best prepare their students by keeping abreast of NGN updates on the NCSBN webpage ([Subscribe to our Mailing List - Next Generation NCLEX | NCSBN](#)) for informational updates.



## ***NCSBN Clinical Judgment Measurement Model (NCJMM)***

A framework designed for and specific to testing should not be construed as a replacement for other evidence-based nursing theories or practice theories.

***Does not*** compete with the Nursing Process or specific pedagogical or andragogical models for teaching clinical judgment.

Provides a systematic, evidence-based framework for measuring whether nurse licensure candidates demonstrate at least minimal competence concerning ***clinical judgment and decision-making***.



## ***Reliability & Validity of NGN***

- 1) the extent to which clinical judgment can be measured,
- 2) numerous item writing panels comprised of nurse faculty to write articles aligned with the NCSBN Clinical Judgment Measurement Model (NCJMM), &
- 3) nursing experts (nursing faculty, clinical educators, clinicians, and numerous committees made up of experienced nursing experts) reviewing items to ensure validity

# Next Gen NCLEX Scoring



- The scoring model for NGN will extend the current scoring model.
- Currently, the NCLEX® items are dichotomous models → scored as either 'all correct' or 'all incorrect.'
- The new NGN scoring models, called polytomous models, → allow partial scores of items with multiple points.
- NGN stand-alone items are items that can be administered individually. They can be any of the new NGN response types (e.g., Drag and Drop, Multiple Response (MR), Select All That Apply (SATA), Highlight, etc.).
- The new scoring methods allow for moving beyond the current scoring model that is based on candidates' responses being scored as 'all correct' or 'all incorrect.' The new polytomous scoring methods will allow for the evaluation of partial knowledge.
- The passing standard is determined through a panel of Nursing Subject Matter Experts (SMEs) to identify the score associated with a minimally competent candidate.
- The scoring models do not affect the delineation of the passing standard.

**Categories****Subcategories****Percentage of Questions +/- 3%****Safe and Effective Care Environment****1. Management of Care 17-23%****2. Safety and Infection Control 9-15%****Health Promotion and Maintenance****None 6-12%****Psychosocial Integrity****None 6-12%****Physiological Integrity****1. Basic Care and Comfort 6-12%****2. Pharmacological and Parenteral Therapies 12-18%****3. Reduction of Risk Potential 9-15%****4. Physiological Adaptation 11-17%**

# NGN Test Items



The NCSBN added different item stems to the traditional multiple-choice questions.



According to [NCSBN](#), these are:

**Chart/Exhibit Questions:** The exam-taker must gather information from charts or exhibits to choose the correct answer.

**Audio Questions:** Exam-takers choose the best answer after listening to an audio file.

**Graphic Questions:** With this item type, candidates select an answer based on the information presented in the graphic provided.

None of these alternate format questions counted toward the final grade, and not all exams included these item types.



The other alternate format test questions are as follows:

**Multiple Response Questions**

**“Hot Spot” Questions**

**Fill-in-the-Blank Questions**

**Drag-and-Drop/Ordered Response Questions**

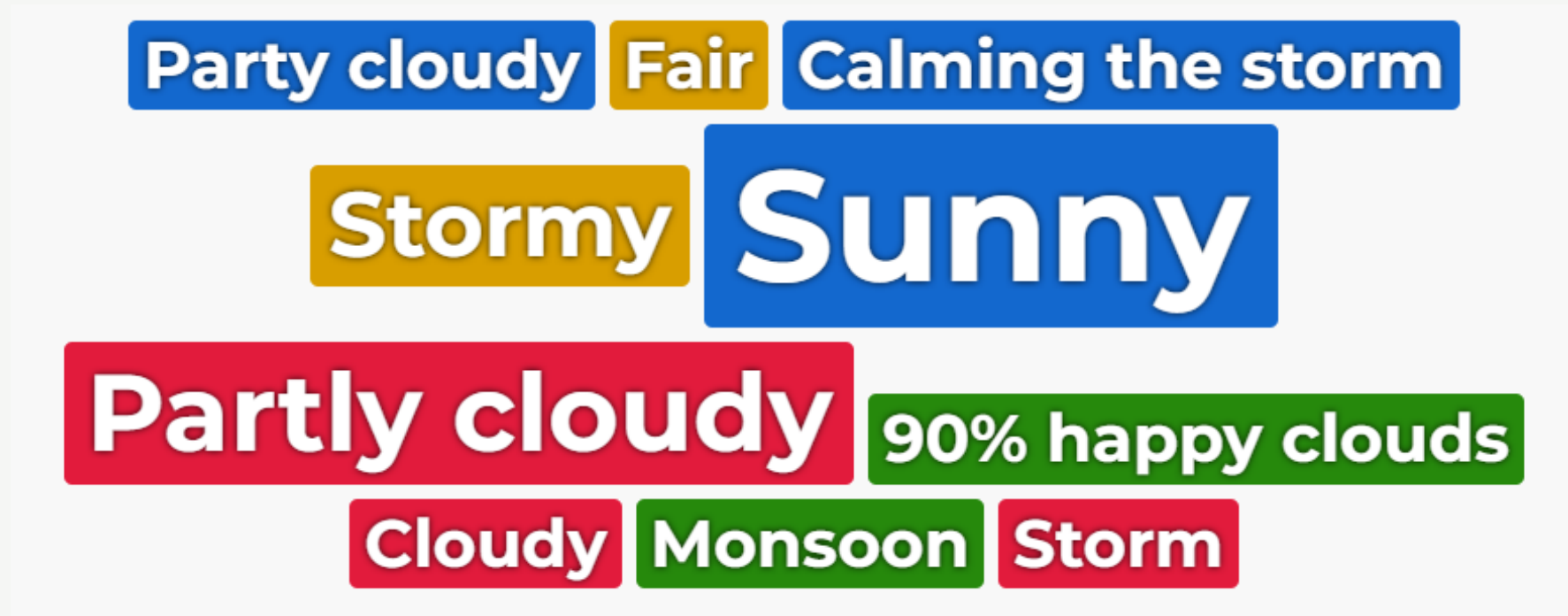


# NGN Test Items, continued

The following question types are intended to evaluate a new nurse's decision-making capability and ability to make clinical judgments in various healthcare settings:

- 1. Extended Multiple Response:** Similar to the multiple-choice item type on the previous iterations of the NCLEX, the item stem for an extended multiple-response question is a text-based scenario that outlines a realistic situation in healthcare.
    - The extended model has more options and requires or allows for more than one correct answer.
    - Exam-takers can earn partial credit on these questions.
  - 2. Extended Drag-and-Drop:** Like the ordered response questions (alternate-format NCLEX questions), the extended drag-and-drop items often require test-takers to prioritize aspects of patient care or presenting symptoms.
    - A major difference between the two is that not all response options are required or appropriate.
  - 3. Cloze (Drop-Down):** With this item type, exam-takers must choose from a list of possible options from drop-down menus that appear in a sentence, chart, or table.
    - There could be up to six responses for each item.
  - 4. Enhanced Hot Spot (Highlighting):** These items allow exam-takers to highlight one or more portions of a text or table concerning a client's medical record to answer the question.
  - 5. Matrix/Grid:** Used to measure multiple aspects of a clinical scenario, this question type requires exam-takers to choose one or more answers from a row and/or column in the matrix (grid).
  - 6. Bowtie:** For this item type, exam-takers place answers in the five spaces that resemble a bow.
    - For example, a candidate will place the answer for the condition the patient is most likely experiencing in the middle of the bowtie.
    - The two answers on the left may correspond to appropriate actions to take given the condition.
    - The two answers on the right side of the bowtie would then represent the parameters to monitor and gauge the patient's progress.
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- How would you describe NextGen NCLEX as a weather forecast *now*?





THANK  
YOU!!!

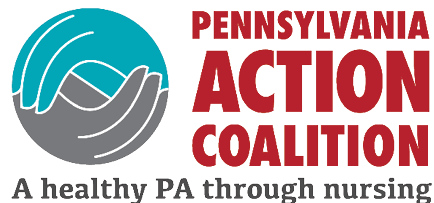
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More Ways to Connect  
with the Pennsylvania  
Action Coalition

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# Nursing Student Professional Development Day

Thursday, April 20, 2023 from 9:00 AM - 6:00 PM



**WHEN? April 20, 2023**

**Open to all nursing students!**

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## **LEAD Professional Development – Dr. Anne Fink**

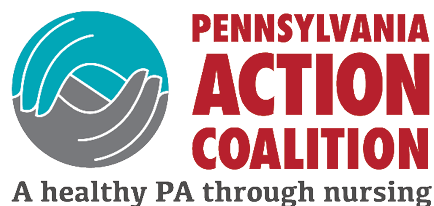
- Part 1: Presentation on how to build professional career, networking, interview success, continuing professional development after graduating
- Part 2: Speed networking activity → Students practice elevator pitch with nursing professionals and other nursing students

## **Peer Mentoring – PA-ACCEL Team and students**

- Breakout groups for discussions – debrief from LEAD presentation and networking activity
- PA-ACCEL Student Ambassadors would facilitate the discussion and we would provide guided questions

# Nursing Student Professional Development Day

Thursday, April 20, 2023 from 9:00 AM - 6:00 PM



**Open to all nursing students!**

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## **Legal Implications for Nurses presented by Anthony Cox, Esq.**

- Students will learn how new nurses can protect their license, medication safety, and much more!

## **Career Trajectory Panel**

- A panel of nursing professionals with different nursing backgrounds. Panelists will share information about their careers and how students can get involved in their field/specialty

## **Personal Finances presented by RoMar Financial**

- Students will learn about various personal finance tips such as budgeting, investing, student loans, retirement, etc.

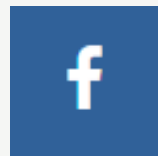
# RECORDING WILL BE AVAILABLE ON THE PA ACTION COALITION WEBSITE!

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# CLINICAL FACULTY AND PRECEPTOR ACADEMY SUMMIT

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- **The Pennsylvania Action Coalition (PA-AC), The National Nurse-Led Care Consortium (NNCC), and Geisinger will be hosting this FREE Summit on Wednesday, June 14, 2023, from 12:00 - 3:00 pm ET**
  - This event will be an opportunity to engage in discussion around the advancement of training, preparation, and availability of clinical nursing faculty and preceptors.
- **OBJECTIVES**
  - Understand the goals of the Clinical Faculty and Preceptor Academy.
  - Discuss how the draft curriculum can be enhanced.
  - Articulate how the participant can get involved in the Clinical Faculty and Preceptor Academy
- Taking place after the National Forum on Nursing Workforce Center's Annual Conference from June 12 – 14
- **Where?** Ritz-Carlton Pentagon City in Arlington, VA
- **Register** for the [NNCC conference](#) and [National Forum conference](#) separately