



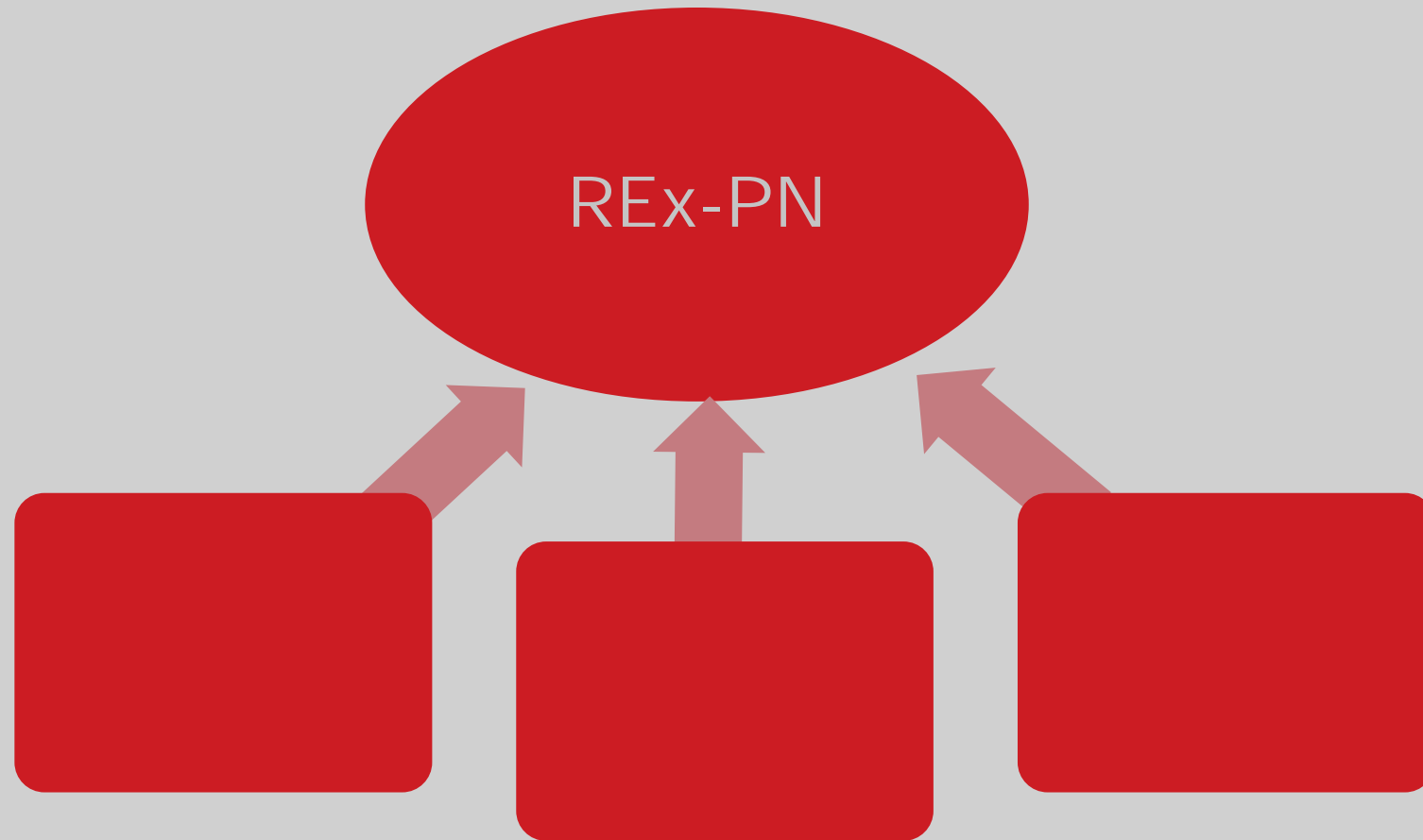
! " # \$ % & ' ( ) \* + , # - \$  
. # / # 0 1 2 - # 3 , Process

Latrice Johnson, RN, MSN  
Content Development Manager

At the end of the session participants will understand:

- REx-PN<sup>®</sup> item development process
- How outdated content is identified and corrected

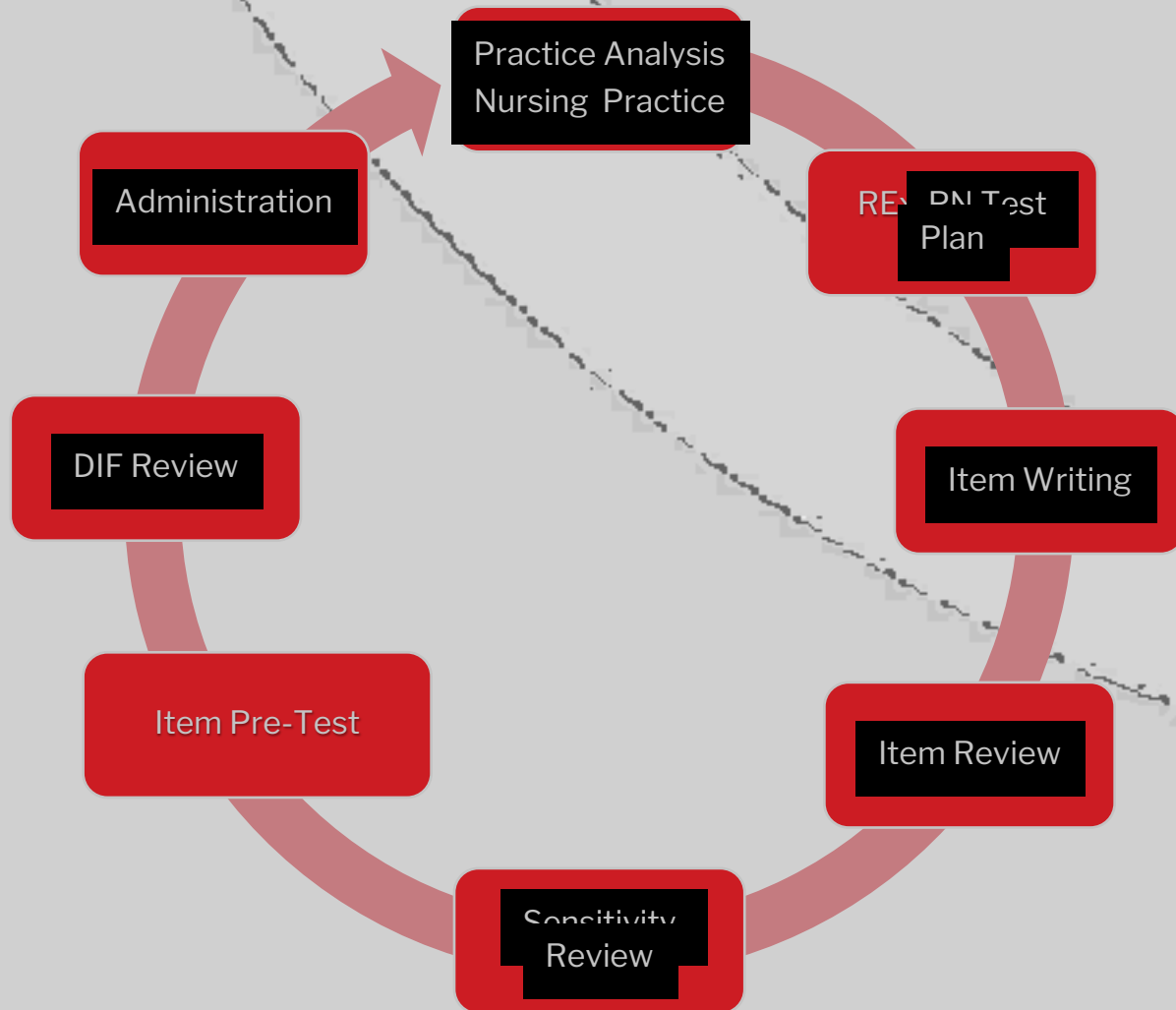
# What is the REx-PN<sup>®</sup>?







®



2021 Virtual



®





# Practice Analysis

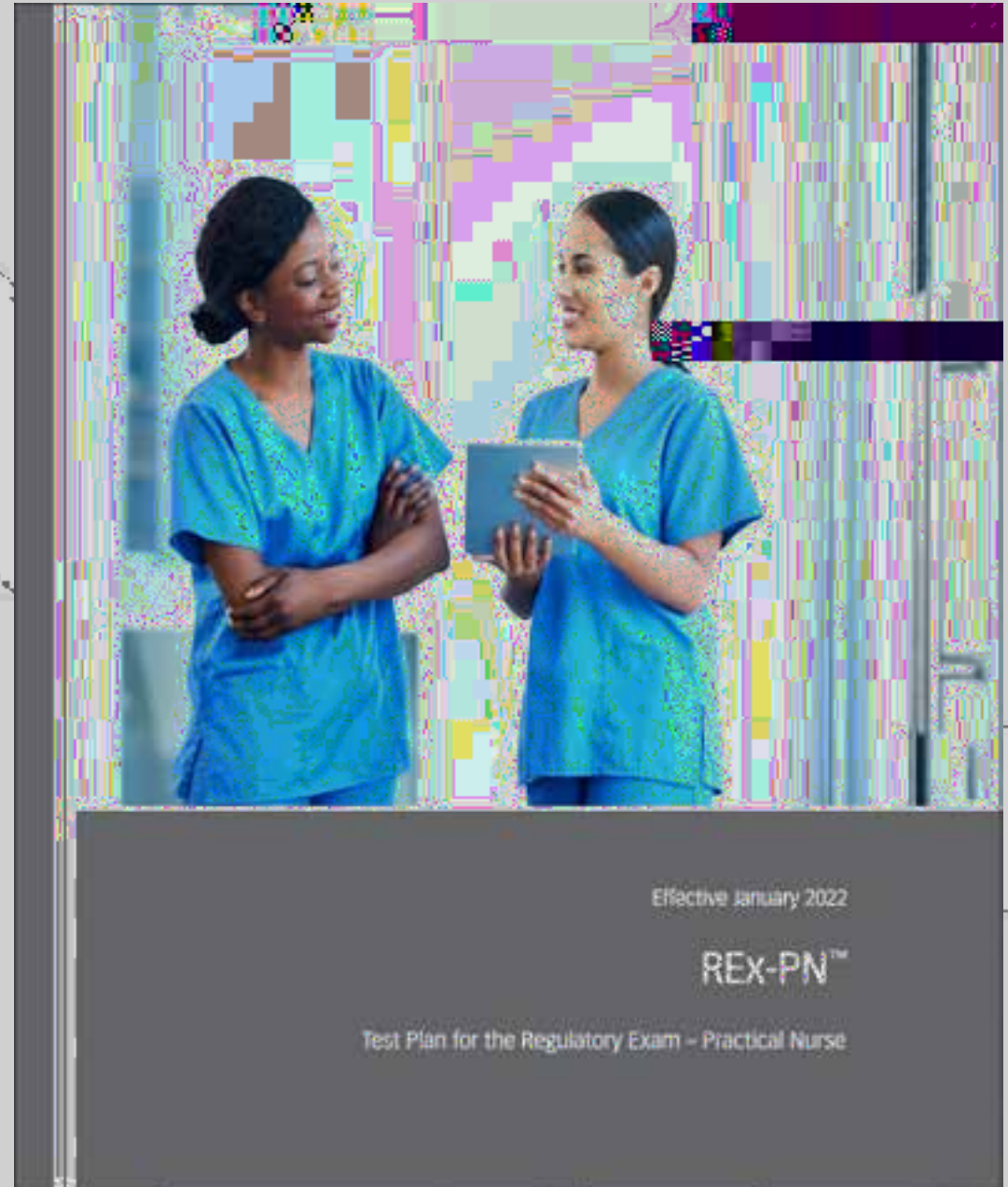
- Often referred to as a job analysis
- Analyze the on-the-job behaviors of the incumbent nurses
- Results used to develop the exam outline or REx-PN

# REx-PN Test Plan

- Content Distribution
- REx-PN Integrated Processes
- Administration
- Nursing content examples
- REx-PN Item after each test plan category
- Computerized Adaptive Test (CAT) principles

# REx-PN Test Plan

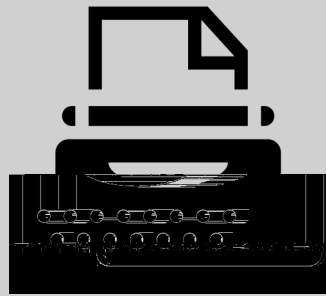
- Developed as a result of the recent practice analysis data
- Used to guide REx-PN content delivery during each exam
- Serves as a guide for candidates



# Item Development

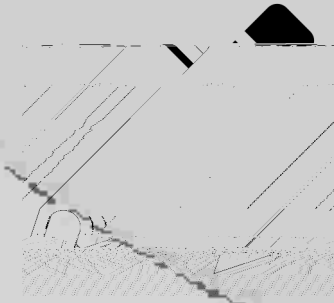
- Item Writing
- Item Review
- Sensitivity Review
- Differential Item Functioning (DIF) Review
- Nursing Regulatory Body (NRB) Review

# Item Development - Roles



## Item Writers

Create the questions or "items" that are used on the REx-PN<sup>®</sup>



## Item Reviewers

Examine the items that are created by Item Writers

## Requirements

- Current, unencumbered RN or RPN/PN nursing license in British Columbia or Ontario
- Current employment position of faculty teaching PN nursing content in the clinical area

®

Linked to the test  
plan

Suitable for entry-  
level practice

Accurate

Current in nursing  
practice

Only one correct  
answer  
*Unless multiple  
response*

!"#\$%&# ' #() \* \$#+ "% !"# \$%- #' .# / #01

Current unencumbered RN or RPN PN nursing license in British Columbia or Ontario  
Maintain knowledge regarding current PN practice including entry level PN practice  
Current employment consists of providing



# Unintentional Bias Reviews

- Sensitivity Review
  - Pretest
- DIF Review
  - Pretest
  - Operational

## Unintentional Bias Review Criteria

Stereotypes

Inflammatory material

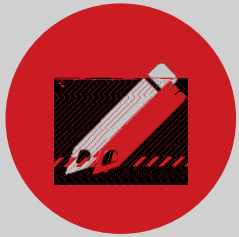
Language

! ""#\$%&' ()"

# Unintentional Bias Reviews

- All items are reviewed to ensure the exclusion of sensitive, unintentional biased language
- Items are edited to remove words or phrases which may

# Editorial Review



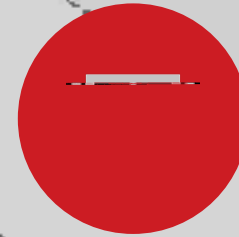
Grammar



Clarity



Punctuation



Spelling



One Writer

# Pretest Items

- Every item is pretested before being placed in the operational pool
- Statistical data are gathered on each pretested item
- Data are used to evaluate items and ensure all operational items are accurate and fit the testing model
- 30 pretest items on every REx-PN<sup>®</sup> exam

) 4# , #5 , \$+ , # - 5\$6713 , 839# : ;

- Randomly intermixed with operational items
- Not used to estimate the candidate's ability
- Used for maintaining item bank inventory
- Indistinguishable from operational items for candidates

# NRB Review

- Conducted biannually
- Review criteria
  - Entry-Level appropriateness
  - Congruency in nurse administrative rules and regulations
  - Comments forwarded to REx-PN<sup>®</sup> Practical Nurse Examination Committee (PNEC)

# PNEC Review

- Comprised of nurse regulators, Comporpors--14v6w



# For Additional Information

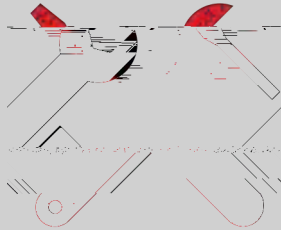
- REx-PN Webinar Series – Item Writing and Item Review  
[ncsbn.org/rex-pn](https://ncsbn.org/rex-pn)

2021 Virtual

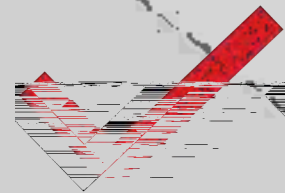


%&'()\*\*

# REx-PN Maintenance



Pool Rotation and  
Maintenance



Item Review



Content Currency

# Pool Rotation

- REx-PN<sup>®</sup> item pool delivery schedule
- Review activities prior to pool deployment



# Identification of Outdated Content

- Validation Process
  - Staff Reviews (referencing)
- Item Review Panels
  - Subject Matter Experts (SMEs)
  - NRB Reviews

>"=3?#5\$, " =, \$! 48??#4\$) 1 10\$%#/8#@5



! "#\$%&'#(")\*+,- "\$, . " /

World Health Organization WHO  
Headquarters  
Geneva



Medication/Device Recall or Discontinuation



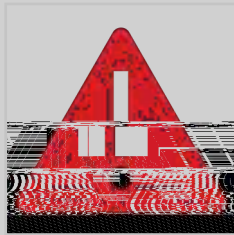
Public Policy

Canada  
Medication Discontinuation

Updated	Current
CPR Guidelines	Artway, Breathing, Cardiac Arrest
Munchausen Syndrome	Factitious Disorder
Munchausen by proxy	Factitious Disorder Imposed on Another
Juvenile diabetes	Diabetes Mellitus (Type 1)
Pressure ulcer	Pressure injury



# Corrective Actions



## Item Masking

# In Summary

- Multi-Step Process
- Strong reliance on nurse volunteers
- Extensive validation process
- Ability to remove outdated content immediately

# REx-PN<sup>®</sup> Volunteer Opportunities

- Stay tuned to learn more about volunteer opportunities to participate in the development of REx-PN.

2021 Virtual

REXPIN