Foundations of Nursing Research 7th edition Nieswiadomy Test Bank

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Nieswiadomy, *Foundations of Nursing Research*, 7/e
Chapter 2

Question 1
Type: MCSA

A nurse is reviewing research articles in an effort to make changes in practice in a medical-surgical unit. To evaluate the quality of the research performed, which source should be recommended?

1. U.S. Preventive Services Task Force (USPSTF)

2. The National Guideline Clearinghouse (NGC)

3. National Quality Forum (NQF)

4. The Agency for Healthcare Research and Quality (AHRQ)

Correct Answer: 1

Rationale 1: The USPSTF provides a rating system for the research studies. These studies are rated based upon their strength and evidence presented.

Rationale 2: The NGC provides a public resource for evidence-based clinical practice guidelines.

Rationale 3: The NQF's vision is to assist in the establishment of national priorities and goals to achieve healthcare that is safe, effective, patient-centered, timely, efficient, and equitable.

Rationale 4: The AHRQ is used to promote the use of evidence-based practice. The USPSTF is sponsored by the AHRQ.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: LO 04. Explain the role of the Agency for Healthcare Research and Quality to evidence-based practice

Question 2
Type: MCSA

The nursing faculty would evaluate which statement, made by a research student, as providing evidence that the student understands the mission of the ACE Center?

1. The ACE Center exists solely to distribute evidence to educators for use in developing clinical teaching models.

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2. The ACE Center promotes the efforts of evidence-based nursing practice through education, research, and development.

3. The ACE Center derives clinical actions from research-based findings. .

4. The ACE Center is a source of funding for the novice researcher of evidence-based nursing practice.

Correct Answer: 3

Rationale 1: The ACE Center's focus is larger than education alone.

Rationale 2: The ACE Center does not develop research.

Rationale 3: The ACE Center's ultimate goal is to translate research-based findings into clinical actions that will improve healthcare through the evaluation of the impact that an evidence-based practice has on patient health outcome, satisfaction, efficacy and efficiency of care, and health policy.

Rationale 4: ACE is not a source of funding for novice nursing researchers.

Global Rationale:

Cognitive Level: Analyzing
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Evaluation
Learning Outcome: LO 05. Summarize the roles of evidence-based nursing practice centers.

Question 3
Type: MCSA

A nurse seeking the definition of evidence-based practice as it applies to nursing would review which literature?

1. The original work of Archie Cochrane

2. Foundational work by the group headed by Sackett

3. The website of Sigma Theta Tau International

4. The website of the Agency for Healthcare Research and Quality

Correct Answer: 3

Rationale 1: Archie Cochrane is credited with beginning the movement toward evidence-based practice, but his work did not focus on nursing.

Rationale 2: Sackett, et al. defined evidence-based medicine but did not focus on nursing.

Rationale 3: STTI defined EBP in a way that is specific to nursing.

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Rationale 4: AHRQ is not specific to nursing.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 01. Summarize the importance of evidence-based practice in the field of nursing

Question 4
Type: MCMA

Which statement(s) should be included in a presentation that discusses the use of systematic reviews of research studies?

Standard Text: Select all that apply.

1. A systematic review focuses on identifying the best studies to use for replication studies.
2. The systematic review will enhance the quality of the research study.
3. The systematic review will involve examining numerous studies relating to a single topical area.
4. The use of the systematic review will identify problematic research question.
5. The use of the systematic review integrates the information from a group of original research studies and looks at the studies as a whole.

Correct Answer: 2, 3, 5

Rationale 1: Systematic reviews are not focused on replication studies.

Rationale 2: The systematic review employs a scientific approach to appraise research that is appropriate for the research question.

Rationale 3: While focusing on a single area of interest, a systematic review may provide a summary of many studies at once.

Rationale 4: This is not the purpose of the systematic review.

Rationale 5: The systematic review employs a scientific approach that takes groups of research studies and reviews them as a whole. The review looks at studies to promote evidence-based decisions.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning

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Learning Outcome: LO 01. Summarize the importance of evidence-based practice in the field of nursing

Question 5
Type: MCMA

A nursing faculty is teaching students about Cochrane Centers. What information about these centers should this faculty include in the teaching?

Standard Text: Select all that apply.

1. There are two centers, one located in the United States and the other located in Germany.

2. They help to support the Cochrane Collaboration by organizing workshops and seminars.

3. The centers are all unique and reflect the interests of the individuals in that center.

4. One of the functions of these centers is to train people to do reviews.

5. These centers are for-profit healthcare facilities that provide state-of-the-art medical services.

Correct Answer: 2, 3, 4

Rationale 1: The centers are located all over the world.

Rationale 2: Some common responsibilities of these centers is to organize workshops, seminars, and colloquia to support the Cochrane Collaboration.

Rationale 3: Each center reflects the interests of the individuals associated with that particular center.

Rationale 4: The Cochrane Centers help to support the Cochrane Collaboration by training people to do reviews.

Rationale 5: The Cochrane Centers were not developed to provide direct patient care.

Global Rationale:

Cognitive Level: Understanding
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 03. Discuss the importance of the Cochrane Collaboration and the Cochrane Nursing Care Field to evidence-based practice

Question 6
Type: MCSA

A nurse who is interested in using evidence to support practice has written a PICOT question regarding the use of a specific intervention. What is the nurse's next step in this process?

1. Seek funding for a full research study.

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2. Complete a systematic literature review.

3. Have the nurse manager read the PICOT statement for accuracy.

4. Develop a plan for dividing patients into two separate study groups.

Correct Answer: 2

Rationale 1: Funding is always of concern, but several steps are necessary before seeking funds.

Rationale 2: After writing a PICOT statement, the nurse must determine what research is already done by conducting a literature review.

Rationale 3: It is not necessary to have a supervisor read the PICOT statement.

Rationale 4: It is premature to develop study methodology.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 01. Summarize the importance of evidence-based practice in the field of nursing

Question 7
Type: MCMA

Differentiate between evidence-based nursing practice (EBNP) and research utilization (RU) by selecting the correct statements.

Standard Text: Select all that apply.

1. Research utilization focuses on research into a set of clinical problems.
2. Research utilization is broader than evidence-based nursing practice.
3. The number of evidence-based practice centers in nursing is decreasing in the United States, while research utilization is expanding.
4. Nurses play an active role in locating a solution for healthcare concerns when involved in evidence-based nursing practice.
5. Research utilization begins with existing research that needs to be implemented in practice.

Correct Answer: 1, 4, 5

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Rationale 1: RU uses the results from specific research studies that concentrate on one clinical problem.

Rationale 2: RU is not as broad in scope as EBNP.

Rationale 3: The numbers of EBNP centers and the use of RU is increasing in the United States.

Rationale 4: Nurses seek to find information about the best solution for identified healthcare problems in evidence-based nursing practice.

Rationale 5: RU is focused on implementing the research already present, while EBNP seeks a solution to a clinical problem for which there is no apparent solution.

Global Rationale:

Cognitive Level: Analyzing
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: LO 02. Differentiate between research utilization and evidence-based nursing practice

Question 8
Type: MCSA

Which clinical question reflects the PICOT format?

1. Do children who must have suture repair of lacerations do better when placed on a papoose board or when held by a parent?
2. How do 24-hours of postoperative inpatient care compared with 12 hours of postoperative outpatient care affect development of deep vein thrombosis in the first seven days after hysterectomy?
3. What is the mean heart rate decrease in patients treated with guided imagery rather than being treated with medication for anxiety?
4. In patients who sustain traumatic head injuries, is it better to keep them immobilized in a head vise until they have returned from radiology or is it better to remove the head vise as soon as the x-rays have been read?

Correct Answer: 2

Rationale 1: This question lacks a time element and the word “better” is not measurable.

Rationale 2: T = first seven days post-op.

Rationale 3: This statement lacks a time.

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Rationale 4: “Better” is not measurable.

Global Rationale:

Cognitive Level: Analyzing
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 02. Differentiate between research utilization and evidence-based nursing practice

Question 9
Type: MCSA

The nurse states, “I have been asked to write a PICOT question for the next evidence-based nursing practice meeting. I am having trouble with the ‘C’ part.” Which question, asked by a peer, will be of most help to this nurse?

1. What is the cause of the problem you are investigating?

2. What are you calling for the intervention to do?

3. What intervention are you comparing to?

4. Which kind of clinical intervention do you plan to address?

Correct Answer: 3

Rationale 1: “C” does not stand for the cause.

Rationale 2: “C” does not stand for what you are calling for the intervention to do.

Rationale 3: The “C” is the comparison intervention or current practice.

Rationale 4: “C” does not stand for clinical intervention.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 02. Differentiate between research utilization and evidence-based nursing practice

Question 10
Type: MCSA

The nursing administration of a healthcare facility would like to encourage the use of evidence-based practice among the nurses working in the facility. The nurses have asked for Best Practice Information sheets specific to

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the care of patients in their units. Which source would be the best for the chief nurse to recommend to these nurses?

1. The Joanna Briggs Institute

2. The Agency for Healthcare Research and Quality

3. Cochrane Central Register of Controlled Trials

4. U.S. Department of Health and Human Services

Correct Answer: 1

Rationale 1: This institute publishes Best Practice Information sheets useful in direct nursing practice.

Rationale 2: This is the health services research branch of the U.S. Department of Health and Human Services. Its focus is more on funding research than on providing best practice sheets.

Rationale 3: This is one of the six databases of the Cochrane Library and would not be a good source of Best Practice Information sheets.

Rationale 4: Provision of best practice sheets is not the primary work of the HHS.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO05. Summarize the roles of evidence-based nursing practice centers

Question 11
Type: MCSA

The nurse is interested in attending a certification program that educates nurses on the best practice based on evidence. Which organization would be the nurse's best choice for this certification?

1. The Sarah Cole Hirsh Institute

2. *The Journal of Nursing Scholarship*

3. The U.S. Preventive Services Task Force

4. The Cochrane Library

Correct Answer: 1

Rationale 1: This institute offers a certification program for nurses interested in best practice based on evidence.

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Rationale 2: This is a research journal and does not offer this certification.

Rationale 3: The primary mission of this task force is to review the evidence of effectiveness of interventions and treatments and develop recommendations for clinical preventive services.

Rationale 4: The Cochrane Library is a collection of databases in medicine and other healthcare specialties provided by the Cochrane Collaboration and other organizations.

Global Rationale:

Cognitive Level: Understanding
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 05. Summarize the roles of evidence-based nursing practice centers

Question 12
Type: MCMA

A nurse has joined a group who meet regularly to discuss translational research pertinent to their patient population. Which types of research should the nurse anticipate discussing?

Standard Text: Select all that apply.

1. Standards of practice

2. Clinical trial information

3. Protocols

4. Critical pathways

5. Systematic reviews

Correct Answer: 1, 3, 4

Rationale 1: Standards of practice are considered translational research or evidence that has been incorporated into guidelines.

Rationale 2: Clinical trial information is considered primary research.

Rationale 3: Protocols are considered translational research or evidence that has been incorporated into guidelines.

Rationale 4: Critical pathways are considered translational research or evidence that has been incorporated into guidelines.

Rationale 5: Systematic reviews are evidence summaries.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 02. Differentiate between research utilization and evidence-based nursing practice

Question 13
Type: MCSA

A nurse read that an intervention standardly used in the emergency department (ED) has a U.S. Preventative Services Task Force rating of "I." What action should this nurse take?

1. Continue to use the intervention as it should be "included" in care.

2. Immediately discontinue using the intervention as it "increases" risk for litigation.

3. Discuss the intervention's use with the rest of the ED team because there is "insufficient" evidence to support use.

4. Discuss the intervention's use with the rest of the ED team as it "inflates" healthcare costs.

Correct Answer: 3

Rationale 1: The USPSTF rating of "I" does not mean the intervention should be "included" in care.

Rationale 2: The USPSTF rating of "I" does not mean it "increases" risk for litigation.

Rationale 3: The USPSTF rating of "I" means there is "insufficient" evidence to assess the balance of benefits and harms of the service.

Rationale 4: The USPSTF rating of "I" does not mean it "inflates" healthcare costs.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: 04. Explain the role of the Agency for Healthcare Research and Quality to evidence-based practice

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Question 14
Type: MCMA

A nurse has become very interested in evidence-based nursing practice. As a supporter of the Cochrane Nursing Care Field, this nurse wishes to engage others as members. Which groups should the nurse address about membership?

Standard Text: Select all that apply.

1. Nursing care consumers

2. Only those that live in Australia

3. Only those that live in the United States

4. Formal caregivers

5. Informal caregivers

Correct Answer: 1, 4, 5

Rationale 1: Membership is open to consumers of nursing care.

Rationale 2: Membership is open to nurses worldwide.

Rationale 3: Membership is open to nurses worldwide.

Rationale 4: Membership is open to formal caregivers.

Rationale 5: Membership is open to informal caregivers.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: LO 03. Discuss the importance of the Cochrane Collaboration and the Cochrane Nursing Care Field to evidence-based practice

Question 15
Type: MCMA

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The healthcare facility has asked nurses to submit suggestions for improvements to benefit patient care. Which of these suggestions would be forwarded to the committee focusing on National Quality Forum structural measures?

Standard Text: Select all that apply.

1. Remodeling of the emergency department to improve security

2. Purchase of a service contract to ensure hospital beds are in good working order

3. Development of protocols for review of standard nursing interventions

4. Revision of patient satisfaction surveys

5. Reduction of the number of nonclinical nursing positions

Correct Answer: 1,2

Rationale 1: Structural measures assess the healthcare infrastructure such as the floor plan.

Rationale 2: Structural measures assess the healthcare infrastructure such as beds.

Rationale 3: Process measures assess the steps that should be followed to provide good care, such as development of protocols.

Rationale 4: Patient satisfaction surveys are related to patient engagement or experience measures.

Rationale 5: Structural measures assess the healthcare infrastructure, such as the organizational chart.

Global Rationale:

Cognitive Level: Analyzing
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: LO 04. Explain the role of the Agency for Healthcare Research and Quality in evidence-based practice.

Question 16
Type: MCMA

A newly licensed nurse is confused as to why there is so much concern about meeting Joint Commission standards. What does the nurse manager need to teach this new graduate?

Standard Text: Select all that apply.

1. Join Commission conducts on-site review of the facility at least once every 3 years.

2. Joint Commission is a for-profit organization hired as consultants to improve practice.

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3. Joint Commission is the oldest standards-setting body in healthcare.

4. Joint Commission developed the program for hospital Magnet Recognition.

5. Joint Commission is a subsidiary of the American Nurses Credentialing Center (ANCC).

Correct Answer: 1,3

Rationale 1: Joint Commission is an organization that conducts survey visits to review a facility's compliance with standards. These visits occur at least once each 3 years.

Rationale 2: Joint Commission is not for profit and is not a consulting firm.

Rationale 3: The Joint Commission is the nation's oldest and largest standards-setting and accrediting body in healthcare.

Rationale 4: The Magnet Recognition program was developed by ANCC.

Rationale 5: Joint Commission is independent of ANCC.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Implementation
Learning Outcome: LO 01. Summarize the importance of evidence-based practice in the field of nursing.

Question 17
Type: MCMA

The nurse manager suggests that staff nurses look at abstracts of the Cochrane Reviews for ideas to change their practice. What should these nurses do?

Standard Text: Select all that apply.

1. Access the free abstracts of these reviews online.

2. Request the facility purchase these books for the hospital library.

3. Call the Cochrane Center to subscribe to these abstracts.

4. Expect to find a great deal of material to review.

5. Plan to learn about the research methods used in the studies reviewed.

Correct Answer: 1, 4, 5

Rationale 1: Abstracts of these reviews are available free online to everyone.

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Rationale 2: The Cochrane Reviews are published electronically.

Rationale 3: There is no need to have a subscription for these abstracts.

Rationale 4: In May 2015, the Cochrane Database held more than 6,300 reviews and 2,400 protocols.

Rationale 5: The protocols for Cochrane Reviews describe the research methods and objectives for reviews that are in progress.

Global Rationale:

Cognitive Level: Applying
Client Need: Safe and Effective Care Environment
Client Need Sub: Management of Care
Nursing/Integrated Concepts: Nursing Process: Planning
Learning Outcome: LO 03. Discuss the importance of the Cochrane Collaboration and the Cochrane Nursing Care Field to evidence-based practice

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