

Chapter 01: The Role of Research in Nursing

LoBiondo-Wood: Nursing Research in Canada, 4th Edition

MULTIPLE CHOICE

1. A key step to the development of nursing research was
 - a. the endowment of nursing research chairs.
 - b. universities offering baccalaureate nursing programs.
 - c. a baccalaureate degree becoming the entry to practice.
 - d. the Canadian Nurses Association developing a research mandate.

ANS: B

	Feedback
A	Endowment of nursing research chairs did not occur until the number of nurses with PhD degrees increased.
B	Universities offering baccalaureate nursing programs provided an introduction to research within the BScN programs and led to further nursing education at the MSN and PhD levels.
C	Baccalaureate degrees becoming the entry to practice did not occur until the twenty-first century.
D	The Canadian Nurses Association did not develop a research mandate until the end of the twentieth century.

DIF: Cognitive Level: Application

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

2. How is nursing research significant to the profession of nursing?
 - a. Responsibility is more specifically defined.
 - b. Liability within the practice of nursing is decreased.
 - c. A specialized body of knowledge is generated for use in the delivery of health care.
 - d. The scope of nursing practice is expanded into areas formerly reserved for other disciplines.

ANS: C

	Feedback
A	Research aids in documenting accountability of nurses, but professional guidelines regarding responsibility already exist.
B	Liability is a legal concept. Research does not promote liability.
C	Theory-based nursing research provides a foundation for evidence-informed nursing care.
D	Nursing research expands the discipline of nursing as it pertains to nursing practice.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion

and Maintenance

3. Why are nursing practice-oriented scientific investigations valuable?
- They validate the effectiveness of particular nursing interventions.
 - They encourage consumers to question the quality of health care.
 - They limit the theory base for clinical decision making.
 - They mandate health care reform.

ANS: A

	Feedback
A	Practice-focused research supports the effectiveness of nursing interventions and reinforces quality of nursing care.
B	On the contrary, they help reassure consumers about the quality of health care.
C	They support the development of the theory base for clinical decision making.
D	They reinforce the effectiveness of current nursing practice.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

4. When a change in nursing practice results in decreased cost of care, what additional factor must be considered before general implementation of this change?
- Ensuring compliance of the change by nurses with diverse educational backgrounds
 - Maintaining or improving the quality of care resulting from the change in practice
 - Encouraging patients to be active partners in their health care decisions
 - Disseminating the change beyond the discipline of nursing

ANS: B

	Feedback
A	Not all nurses are responsible for supervising compliance with new measures.
B	Nurses are accountable to maintain quality patient care despite cost-cutting measures.
C	Nurses should encourage patient participation in care despite cost-cutting measures.
D	Nurses are not responsible for reforming other disciplines.

DIF: Cognitive Level: Analysis

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

5. Why do nurses who do not conduct research need to understand the nursing research process?
- To identify potential participants for clinical research studies
 - To assist in collecting accurate data for clinical research studies
 - To teach patients and families about the usefulness of participation in research
 - To be able to evaluate nursing research reports for relevance to their own clinical practice

ANS: D

	Feedback
A	Nurses who do not conduct research would not influence participant identification.
B	Nurses who do not conduct research would not influence data collection.
C	Nurses who do not conduct research would not influence participant recruitment.
D	Nurses should be able to understand the research process by reading research reports and determining if they should modify their practice based on research evidence.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

6. How are nursing theory and nursing research related?
- Nursing theory and nursing research are independent of each other and have no direct relationship.
 - Without nursing theory, research conducted by nurses would not have an impact on nursing practice.
 - Nursing research drives the direction and specific content of nursing theory.
 - Both advance the knowledge base of nursing.

ANS: D

	Feedback
A	Theory and research are related to each other.
B	Research studies may be conducted without a clear theoretical framework and still influence practice.
C	Quantitative nursing research tests nursing theory but does not influence content.
D	Theory and nursing research both influence how nursing practice is conducted.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

7. Which action demonstrates the role of an intelligent consumer of nursing research?
- Designing a research study
 - Analyzing data to determine outcomes
 - Evaluating the credibility of the research findings
 - Replicate the study in another setting to confirm the findings

ANS: C

	Feedback
A	A consumer applies research to practice. Consumers are not responsible for designing a study.
B	A consumer does not conduct data analysis of a study. The study's primary investigator analyzes data.
C	A consumer of nursing research needs to understand the research process to determine the merit and relevance of evidence for research studies.

D	A consumer can apply research findings to practice but does not have to replicate the study itself.
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DIF: Cognitive Level: Evaluation

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

8. In designating research functions to nursing staff, which of the following functions would you designate to a staff registered nurse?
- Protecting human participants by promoting the ethical principles of research
 - Providing expert consultation about the way in which clinical services are delivered
 - Developing methods to monitor the quality of nursing practice in the clinical setting
 - Providing leadership by assisting others in applying scientific knowledge in nursing practice

ANS: A

	Feedback
A	All nurses are responsible for protecting human participants in research.
B	Nurses are at the bedside implementing protocols. Expert consultation is reserved for MSN- or PhD-level nurses.
C	Developing methods is reserved for nurses with advanced education.
D	Providing leadership is reserved for nurses with advanced education.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

9. Which of the following statements regarding the role of the nurse in research is true?
- Nurses must be prepared at the baccalaureate level or higher to have any role in nursing research.
 - Master's-prepared nurses (those with MSN, MN, or MS degrees) are primarily responsible for using the findings of nursing research in clinical practice.
 - One role of the registered nurse is to identify issues in clinical practice that are suitable for research.
 - Regardless of nursing education, the only nurse who should interpret research findings is the one who has the most comprehensive understanding of statistical analysis methods.

ANS: C

	Feedback
A	Having a role in nursing research or implementing findings is not limited to BScN and MSN nurses only.
B	Master's-prepared nurses can provide leadership to supervise how research findings are applied in the clinical area. All levels of nurses can apply research findings to practice.
C	Nurses should have an awareness of the relevance of nursing research and ask

	clinical questions.
D	Data analysis is usually conducted by an MSN- or PhD-level nurse.

DIF: Cognitive Level: Comprehension

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

10. Which of Florence Nightingale's actions formed the foundation for modern-day nursing research methods?
- Establishing the St. Thomas Hospital School of Nursing in England
 - Writing the curricula for the nineteenth-century nurse training programs
 - Lobbying the British parliament to enact changes in law for better health care
 - Collecting data systematically on the health status of British soldiers during the Crimean War

ANS: D

	Feedback
A	Establishing a school of nursing is not a form of scientific investigation.
B	Developing curricula is not a form of scientific investigation.
C	Lobbying a parliament is more about advocacy and health care reform.
D	Systematic, objective data collection during the Crimean War formed the basis for modern-day nursing research methods.

DIF: Cognitive Level: Knowledge

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

11. What was the focus of most nursing research studies conducted during the first half of the twentieth century?
- Nursing education methods and outcomes
 - Effects of sanitation on health promotion and disease prevention
 - Use of epidemiology as a method of identifying risk for specific illnesses
 - Identification of the most effective means to disseminate positive findings from nursing research

ANS: A

	Feedback
A	Nursing education has been documented to have been the focus of nursing research in the early twentieth century.
B	Disease prevention was a focus in the 1960s.
C	Florence Nightingale used epidemiology in her early research.
D	Dissemination of nursing research findings grew in the 1980s.

DIF: Cognitive Level: Knowledge

MSC: NCLEX Client Care Needs Category: Safe and Effective Care Environment; Health Promotion and Maintenance

12. What was the outcome of the 1932 Weir report?