

Chapter 2. Components of Evidence Based Practice

Multiple Choice

1. The first step in the evidence based practice process is:
- A. Critically appraising the evidence
 - B. Locating the evidence
 - C. Formulating a focused clinical question
 - D. Evaluating the process

ANS: C

KEY: Evidence based practice process

2. The acronym PICO stands for:
- A. Patient, Intervention, Control, Outcome
 - B. Presentation, Intake, Comparison, Outcome
 - C. Patient, Intake, Control, Overall Plan
 - D. Presentation, Intervention, Comparison, Overall Plan

ANS: A

KEY: Clinical question, PICO format

3. After the clinician has developed a clinical question, the next step would be:
- A. Develop a plan of care for the patient.
 - B. Search the literature for evidence.
 - C. Ask the patient if he or she agrees with the clinical question.
 - D. Request permission from the physical therapist to answer the clinical question.

ANS: B

KEY: Clinical question, searching for evidence

4. An information system that searches electronic Internet resources is called a(n):
- A. Database
 - B. Journal
 - C. Search engine

D. Abstract

ANS: C

KEY: Search for evidence

5. Which of the following statements is true about appraising evidence?

- A. Evidence doesn't have to be good quality as long as it is relevant to the question.
- B. A clinician can get all of the information needed from the abstract.
- C. The first article listed in search results is typically the strongest piece of evidence.
- D. A clinician should determine where an article fits within the hierarchy of evidence.

ANS: D

KEY: Hierarchy of evidence

6. An interactive process of collaboration between the health-care provider and the patient to make health-care decisions is called:

- A. Shared decision-making
- B. Clinical decision-making
- C. Formulating a clinical question
- D. Interdisciplinary decision-making

ANS: A

KEY: Shared decision-making

7. Which of the following statements is true?

- A. A research question is the same as a clinical question.
- B. All search engines and databases require a fee or subscription to use.
- C. The PICO question can be used to determine key words for a search.
- D. Including meta-analyses in a search makes the search less efficient.

ANS: C

KEY: Literature search

8. A systematic review is:

- A. One type of meta-analysis
- B. A summary of existing evidence

- C. The same as a literature review
- D. A type of review that pools evidence from multiple studies

ANS: B

KEY: Systematic review

9. A summary of a research article written by the investigator is a(n):

- A. Meta-analysis
- B. Systematic review
- C. Peer review
- D. Abstract

ANS: D

KEY: Research article, abstract

10. The final step in the evidence based practice process is:

- A. Evaluating the process
- B. Appraising the evidence
- C. Applying the evidence to patient care
- D. Refining the question

ANS: A

KEY: Evidence based practice process