Primary Care 6th edition Buttaro Test Bank

SKU: 9780323708647-TEST-BANK

MULTIPLE CHOICE

1. What is the purpose of Level II research?
   a. To define characteristics of interest of groups of patients
   b. To demonstrate the effectiveness of an intervention or treatment
   c. To describe relationships among characteristics or variables
   d. To evaluate the nature of relationships between two variables

   ANS: C
   Level II research is concerned with describing the relationships among characteristics or variables. Level I research is conducted to define the characteristics of groups of patients. Level II research evaluates the nature of the relationships between variables. Level IV research is conducted to demonstrate the effectiveness of interventions or treatments.

2. Which is the most appropriate research design for a Level III research study?
   a. Epidemiological studies
   b. Experimental design
   c. Qualitative studies
   d. Randomized clinical trials

   ANS: B
   The experimental design is the most appropriate design for a Level III study. Epidemiological studies are appropriate for Level II studies. Qualitative designs are useful for Level I studies. Randomized clinical trials are used for Level IV studies.

3. What is the purpose of clinical research trials in the spectrum of translational research?
   a. Adoption of interventions and clinical practices into routine clinical care
   b. Determination of the basis of disease and various treatment options
   c. Examination of safety and effectiveness of various interventions
   d. Exploration of fundamental mechanisms of biology, disease, or behavior

   ANS: C
   Clinical research trials are concerned with determining the safety and effectiveness of interventions. Adoption of interventions and practices is part of clinical implementation. Determination of the basis of disease and treatment options is part of the preclinical research phase. Exploration of the fundamental mechanisms of biology, disease, or behavior is part of the basic research stage.

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