

022 Research

2024/2025 Fall

Which study design is most appropriate for examining the prevalence of cardiovascular disease patients who follow a low-fat diet in Irbid and Aqaba?

- A. Cross-sectional
- B. Cohort
- C. Case-Control
- D. Clinical Trial

Which study design is most appropriate for investigating the potential increase of type 2 diabetes symptoms as a result of low-fiber diet?

- A. Cross-sectional
- B. Case-Control
- C. Cohort
- D. Clinical trial

Which Study design allows the examination of multiple effects (diseases) of a single exposure?

- A. Cross-sectional
- B. Case Control
- C. Cohort
- D. Clinical trial

The study of low fibers intake as a risk factor for diabetes?

- A. Cohort
- B. Case report
- C. Case series
- D. Case control
- E. Ecological

To study the burden of acute infection?

- A. Incidence of disease in cohort
- B. Incidence of disease in cross sectional
- C. prevalence of disease in cohort
- D. prevalence of disease in cross sectional

The highest evidence in medical research is coming from?

- A. Case report
- B. Clinical trial
- C. Meta analysis and systematic review
- D. Case control
- E. Cohort

Which of the following can't be retrospective?

- A. Cohort
- B. Randomized clinical trials
- C. Case report
- D. Case series
- E. Case control done

To investigate an outbreak of food poisoning you should use which study design?

- A. Cohort
- B. Case report
- C. Case series
- D. Case control
- E. Ecological

A registry is a special type of:

- a) Case series
- b) Clinical trials
- c) Case control
- d) Cohort
- e) Ecological studies

To assess the burden of osteoporosis for women in Jordan who are over 50 years old, which method is appropriate?

- a) Prevalence through cohort study
- b) Prevalence through cross-sectional study
- c) Incidence through cohort study
- d) Incidence through cross-sectional study

To assess the burden of fractures, which method is appropriate?

- a) Prevalence through cohort study
- b) Prevalence through cross-sectional study
- c) Incidence through cohort study
- d) Incidence through cross-sectional study

The most critical step in designing a case-control study is:

- a) Designing the questionnaire
- b) Specifying the case definition
- c) Selecting controls
- d) Selecting cases

What is the best study design to compare the effects of a drug on hypertensive patients?

- a) Crossover clinical trial
- b) Parallel clinical trial
- c) Cohort study
- d) Case-control study

The most appropriate study design to assess the effect of sleep apnea on the development of type 2 diabetes is:

- a) Cohort study
- b) Cross-sectional study
- c) Case-control study

Health worker effect is commonly observed in:

- a) Cohort studies
- b) Case-control studies
- c) Cross-sectional studies
- d) Clinical trials

What is the best study design to assess the risk of vaping on peptic ulcers?

- a) Cohort study
- b) Cross-sectional study
- c) Case-control study

Which of the following statements about cohort studies is incorrect?

- a) They are more open to bias compared to case-control studies
- b) They involve a large, randomized controlled phase to gather more information
- c) They evaluate the overall benefit-risk relationship of interventions

Which of the following statements about case-control studies is incorrect?

- a) They are relatively small and inexpensive
- b) They involve less bias than cohort studies
- c) They can provide information on a wide range of possible exposures

A study used to assess rare risk factors, such as occupational exposure or unusual medical prescriptions, is:

Answer: Cohort study

Which of the following is correct about cross-sectional studies?

Answer: Cannot separate cause from effect