RTMS.e18 A Critical Evaluation of Clinical Research Study Designs

QUESTIONS

1. Which of the following study designs allows for the calculation of the relative risk?
   A. Case–control.
   B. Case series.
   C. RCT.
   D. Cohort study.
   E. Cross-sectional.

2. Which of the following study designs allows for the calculation of an odds ratio?
   A. Case–control.
   B. Case series.
   C. RCT.
   D. Cohort study.
   E. Cross-sectional.

3. Which of the following research questions is not an appropriate candidate for evaluation by a randomized controlled trial?
   A. Does contact with arsenic lead to increased development of squamous cell carcinoma?
   B. Can multivitamin supplementation decrease mortality in elderly patients?
   C. Could classroom lectures increase sun-protective behaviors in elementary-school children?
   D. What is the incidence of infection by cytomegalovirus in AIDS patients?
   E. Both A and D.

ANSWERS

1. D.
2. A.
3. E.