

## XPC1 Orientation Version 2

Section: WGU Orientation • Total Questions: 10 • Format: Verified Q&A

**1. Researchers investigated surgical checklist intervention to reduce infection rates and unplanned OR returns. How did this intervention affect outcomes?**

- (A) p-value indicates insignificance for OR returns
  - (B) Negative impact on infection rates
  - (C) p-value indicates positive outcomes for infection rates
  - (D) No impact
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**2. A hospital administrator has observed excess readmissions... How should cluster analysis be used?**

- (A) Test average performance between groups
  - (B) Test strength of relationship
  - (C) Group readmitted patients by reason for readmission
  - (D) Random assignment
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**3. Manager researching causes for missed appointments. Which data source?**

- (A) Revenue
  - (B) Disease prevalence
  - (C) Patient claims records
  - (D) Structured focus group
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**4. A hospital team is pursuing a process improvement initiative to reduce CAUTI... plans to look at the average time patients are held in the ED. What is determined by the descriptive statistics?**

- (A) The midpoint of the distribution
  - (B) The dispersion of  $\times$  from the mean
  - (C) The most frequently occurring  $\times$
  - (D) The mean time patients are in the ED
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**5. After reviewing a quality report... administrator decided to implement a new initiative to improve communication... using inferential statistics. How is the inferential statistic applied?**

- (A) By determining the median
  - (B) By conducting a linear regression
  - (C) By calculating the variance
  - (D) By constructing a normal distribution
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**6. A large urban hospital implemented a new patient registration system... How did the hospital utilize the data?**

- (A) Accounts receivable data
  - (B) Staff satisfaction surveys
  - (C) OSHA reports
  - (D) Patient satisfaction results
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**7. Weight-loss program: treatment group cardio + strength training, control cardio only. Which risk adjustment technique?**

- (A) Quality-adjusted life years
  - (B) Multivariate regression
  - (C) Relative risk ratios
  - (D) Age-adjusted rates
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**8. A researcher is interested in the effect of wearing portable fitness monitors... Which component is missing?**

- (A) Data collection methods
  - (B) Research design
  - (C) Sample
  - (D) Analysis plan
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**9. A researcher wants to determine whether smartphones can be used to positively impact clinical outcomes of cardiac patients... proceeds to research and document another 100 related studies. Which research method is this researcher using?**

- (A) Cohort study
  - (B) Case study
  - (C) Clinical trial
  - (D) Meta-analysis
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**10. Numerous studies show that patients want to have conversations about their end-of-life care; however, many physicians do not feel comfortable with the topic and are now asking hospice nurses to have these conversations. Which type of research method should be used to determine the impact of this change?**

- (A)** Case study
- (B)** Physician focus group
- (C)** Nurse focus group
- (D)** Patient survey