

XPC1 Orientation Version 1

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

1. Predictive analysis to determine need for advanced respiratory care for chronic asthma inpatients.

What information provided?

- (A) Current market share
 - (B) Estimated cost per patient
 - (C) Feasibility of expanding services
 - (D) Site for new therapist
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2. A healthcare facility wanted to learn more about patient satisfaction perceptions... Recent data was compared to data prior to the introduction of new protocols. What statistical technique should be used?

- (A) Regression analysis
 - (B) Factor analysis
 - (C) Chi square
 - (D) t test to compare mean scores
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3. Which approach to construct a database to generate external reports across geographic locations by DRG?

- (A) Research-identified
 - (B) De-identified
 - (C) Flat file
 - (D) Rollup
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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. 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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6. A health services researcher needs current aggregate patient satisfaction scores for quarterly report. Which database?

- (A) Reporting
 - (B) Disease registries
 - (C) Transactional
 - (D) Data warehouses
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7. Hospital opening new cardiac rehab service line — market study of cardiac patients in area. What information provided?

- (A) Amount of potential patients
 - (B) Existing impairment
 - (C) Age distribution
 - (D) Estimated cost per patient
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8. Prior to hand hygiene initiative, staff reviewed existing materials (proposals, policies, training). What research method?

- (A) Focus group
 - (B) In-person survey
 - (C) Systematic review
 - (D) Policy review
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9. Administrator decided new data collection plan should allow anonymous error reporting... How did the administrator use the data?

- (A) Evaluate staff performance
 - (B) Create culture of competence
 - (C) Mitigate time spent on reporting
 - (D) Improve incident reporting
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10. A medical director is interested in analyzing outcomes... ground ambulance versus air ambulance using existing trauma registry data. Which research method?

- (A)** Pretest-posttest
- (B)** Time-series
- (C)** Randomized control trial
- (D)** Cross-sectional