

NR 503 Midterm – Questions & Answers for Exam Preparation

🎬 Where can providers find criteria for reviewing an internet site for rigor?

✓ **The health on the net foundation provides internet review guidelines**

🎬 Which of the following is an example of secondary prevention strategy?

✓ **Bone density testing for osteoporosis**

🎬 Which of the following is an example of tertiary prevention strategy?

✓ **Occupational therapy for children diagnosed with learning disabilities**

🎬 What are the criteria that should be considered for a screening test to be effective?

✓ **The availability of a screening test that is sensitive and specific**

🎬 Which of the following is a measure of exposure in a case-control study?

✓ **Odds ratio**

🎬 Which of the following is an example of primary prevention intervention?

✓ **State wide tobacco prevention programs**

🎬 Which of the following is an example of the determinants of health?

✓ **Housing availability and neighborhood safety**

🎬 Which of the following risks can be attributed to an exposure?

✓ Absolute risk is the amount of risk attributed to exposure

🎬 Systematic error or bias is categorized into which of the following two groups?

✓ Selection bias and information bias

🎬 Which of the following describes the importance of understanding “rates”?

✓ Rates are useful to identify trends and outcomes

🎬 The provider is analyzing the number of deaths from stroke per year in their practice, which of the following rates should be used?

✓ Mortality rates

🎬 Which of the following is the best definition of validity of a screening tool?

✓ The tools’ ability to accurately identify those who have the disease

🎬 The positive predictive value of a test is best described as which of the following?

✓ A measure of a positive test result when the disease is present

🎬 The goal of screening asymptomatic individuals in population health is which of the following?

✓ Reduction in morbidity and mortality

🎬 Epidemiology supports the understanding of health through which of the following?

✓ The study of disease frequency and distribution

Which of the following is the best definition for goal of population-based nursing?

✓ The provision of evidence-based care

Collaboration of care with various disciplines supports which of the following?

✓ Quality and culturally sensitive interventions

The primary goal of epidemiological triangle is which of the following?

✓ to explain causation

Outcomes measurement in population health refers to which of the following:

✓ Measuring the benefits from an intervention

Which of the following best describes a screening test's specificity?

Specificity is a measure of a screening test's ability to correctly identify a person without disease with a negative test

Which of the following risk can be attributed to an exposure?

✓ The relative ratio risk states the amount of risk attributed to an exposure

Which of the following best describes the cross-sectional study design?

✓ Exposures and outcomes are collected simultaneously

Which of the following is the best definition of validity of a screening tool?

✓ The tool's ability to accurately identify those who have the disease

Which of the following is the best definition for an aggregate population?

✓ An aggregate is defined as a collection of people who share one or more personal or environmental characteristics, such as geography or special interest.

The collection and analysis of epidemiological data aids practitioners in which of the following:

What is the best definition of the use of a screening tool?

Which of the following describes the epidemiological triad?

When reviewing vital statistics which of the following are included?

What is being compared in a cohort study design?

✓ The incidence of a disease between exposed and non exposed individuals

The Institute for Healthcare Improvement uses a rapid cycle improvement model. The key features of this model are:

✓ Plan, do, study, act

Which of the following is an example of primary prevention intervention for osteoporosis: select all that apply

✓ Nutrition counseling (calcium in diet)

✓ Vitamin D
Prescribing weight training

A nurse practitioner designing interventions that address health disparities would consider which of the following concepts?

✓ All the above (social determinants of health, inter-professional collaboration, and morbidity outcomes)

When asked to specify study methodology, the research includes which of the following:
select all that apply

- ✓ Population
- ✓ Data collection

Appraisal of research publication is critical as providers assess for relevance to population health. Which of the following items should be considered during the appraisal process? Select all that apply

- ✓ Outcome measure
- ✓ Transparency
- ✓ Internal validity

Epidemiology aids the practitioner to appraise which of the following (select all that apply):

- ✓ Disease distribution
- ✓ Risk analysis

Assessing aggregates is best described as

- ✓ Collecting data on sub-populations

The institute for healthcare improvement has developed the triple aim initiative. What is one goal from this initiative?

- ✓ Reducing cost

A community health assessment project using a task force from multiple health sectors is an example of which of the following:

✓ **Inter**-professional collaboration

■ Which of the following is an example of a period prevalence rate?

✓ **Quality of intervention assessment**

■ A nurse practitioner working in primary care practice is analyzing end of the year outcome indicators utilizing the HEDIS categories. Which of the following is a HEDIS category? Select all that apply

✓ **Effectiveness of care**

✓ **Access to care**

■ an example of tertiary prevention measure for chronic obstructive pulmonary disease is:

✓ **pulmonary rehabilitation**

■ when evaluating determinants of health, it is important to consider: check all that apply

✓ **environment**

✓ **social support**

■ one method of measuring population health outcomes would be:

✓ **report of infant deaths within 1 year of births per 1000 infants**

■ quality of care is dependent on several factors. Which of the following would the nurse practitioner consider when determining quality indicators in a primary care practice?

✓ **Clinical data**

- ✓ Outcomes
- ✓ Healthcare costs

■ The provider is seeking to understand causality related to an increase in disease incidence. It can be said the causality is:

- ✓ Related to the strength of association (an increase in the causal factor or exposure causes an increase in the outcome of interest)

■ When designing randomized controlled trials, the subjects are typically:

- ✓ Randomly assigned

■ The nurse practitioner is reviewing a recent study that utilizes analytic epidemiology by means of a cohort study design. The cohort study informs the practitioner about which of the following:

- ✓ Outcomes that develop from an exposure

■ A group of providers have implemented population-based interventions and are now assessing the efficacy of the intervention. Which of the following would be an example of population-based outcome?

- ✓ Decreased mortality rate compared to the previous year

■ Analytic epidemiology is best described as:

- ✓ Studies that investigate origins of causal factors of health-related events

■ You are part of a research group investigating association between exposure and disease. Which study design is best fit for this type of study?

✓ **Case control study**

■ the provider is concerned about what appears to be an increase in mortality rate for their community. Mortality is an example of which of the following?

✓ **Vital statistics**

■ what is the best definition for the epidemiological triangle? ■ Which of the following is necessary in order for screening to be effective?

✓ **Availability of a screening test that is sensitive and specific**

■ Appraising evidence to determine its applicability:

✓ **Requires the practitioner to engage in level-of-evidence approach**

■ A group of researchers have found that their study methodology has selection bias. They are concerned because:

✓ **Selection bias causes a distortion in the measure of association due to sample selection and does not accurately reflect the targeted population**

■ Which of the following is a condition which may occur during the incubation period?

✓ **Transmission of infection**

■ The ability of a single person to remain free of clinical illness following exposure to an infectious agent is known as

✓ **immunity**