

Übrigens, Sie können die vollständige Version der Fast2test CIC Prüfungsfragen aus dem Cloud-Speicher herunterladen:
<https://drive.google.com/open?id=16YvRde0UTpTY1ZvuZYriKdLwT71t7QnK>

Wollen Sie den Plan machen, dass Sie CBIC CIC Zertifizierungsprüfung ablegen, um Ihre Fähigkeit zu entwickeln. Wenn Sie CBIC CIC Prüfung ablegen, ob Sie die geeigneten Lernhilfe finden? Und welche Unterlage sind wertvoll? Haben Sie CBIC CIC Dumps gewählt? Wenn ja, sorgen Sie sich bitte nicht um den Misserfolg.

Möchten Sie in kurzer Zeit die CIC CBIC Zertifizierungsprüfung bestehen? Unser Fast2test bietet Ihnen die Testfragen und Antworten zur CBIC CIC Zertifizierung, die von den IT-Experten durch Experimente und Praxis erhalten werden und über IT-Zertifizierungserfahrungen über 10 Jahre verfügt. Außerdem gewährt unser Fast2test Ihnen die vollständigsten Zertifizierungskriterien sowie Ausbildungsmethoden. Die Ergebnisse von unseren Kunden haben bewiesen, dass die Genauigkeit der CBIC CIC Zertifizierung 100% beträgt! Wenn Sie irgendeine Frage über die CIC Prüfung haben, werden wir so schnell wie möglich beantworten.

>> **CIC Vorbereitungsfragen** <<

Die seit kurzem aktuellsten CBIC CIC Prüfungsunterlagen, 100% Garantie für Ihen Erfolg in der CBIC Certified Infection Control Exam Prüfungen!

Wenn Sie die CBIC CIC Zertifizierungsprüfung bestehen, können Sie bestimmt größere Errungenschaften im Berufsleben erzielen. Wenn Sie Fast2test wählen, können wir Ihnen sicherlich Freude wegen des Bestehens der CBIC CIC Zertifizierungsprüfung mitbringen. Kaufen Sie Prüfungsfragen und Antworten von Fast2test, können wir Ihnen garantieren, dass Sie die CBIC CIC Zertifizierungsprüfung 100% bestehen können. Zugleich werden Sie auch einjährige Aktualisierung kostenlos genießen.

CBIC Certified Infection Control Exam CIC Prüfungsfragen mit Lösungen (Q143-Q148):

143. Frage

When conducting a literature search which of the following study designs may provide the best evidence of a direct causal relationship between the experimental factor and the outcome?

- A. A case control study
- B. A descriptive study
- **C. A randomized-controlled trial**
- D. A case report

Antwort: C

Begründung:

To determine the best study design for providing evidence of a direct causal relationship between an experimental factor and an outcome, it is essential to understand the strengths and limitations of each study design listed. The goal is to identify a design that minimizes bias, controls for confounding variables, and establishes a clear cause-and-effect relationship.

* A. A case report: A case report is a detailed description of a single patient or a small group of patients with a particular condition or outcome, often including the experimental factor of interest. While case reports can generate hypotheses and highlight rare occurrences, they lack a control group and are highly susceptible to bias. They do not provide evidence of causality because they are observational and anecdotal in nature. This makes them the weakest design for establishing a direct causal relationship.

* B. A descriptive study: Descriptive studies, such as cross-sectional or cohort studies, describe the characteristics or outcomes of a population without manipulating variables. These studies can identify associations between an experimental factor and an outcome, but they do not establish causality due to the absence of randomization or control over confounding variables. For example, a descriptive study might show that a certain infection rate is higher in a group exposed to a specific factor, but it cannot prove the factor caused the infection without further evidence.

* C. A case control study: A case control study compares individuals with a specific outcome (cases) to those without (controls) to

identify factors that may contribute to the outcome. This retrospective design is useful for studying rare diseases or outcomes and can suggest associations. However, it is prone to recall bias and confounding, and it cannot definitively prove causation because the exposure is not controlled or randomized. It is stronger than case reports or descriptive studies but still falls short of establishing direct causality.

* D. A randomized-controlled trial (RCT): An RCT is considered the gold standard for establishing causality in medical and scientific research. In an RCT, participants are randomly assigned to either an experimental group (exposed to the factor) or a control group (not exposed or given a placebo).

Randomization minimizes selection bias and confounding variables, while the controlled environment allows researchers to isolate the effect of the experimental factor on the outcome. The ability to compare outcomes between groups under controlled conditions provides the strongest evidence of a direct causal relationship. This aligns with the principles of evidence-based practice, which the CBIC (Certification Board of Infection Control and Epidemiology) emphasizes for infection prevention and control strategies. Based on this analysis, the randomized-controlled trial (D) is the study design that provides the best evidence of a direct causal relationship. This conclusion is consistent with the CBIC's focus on high-quality evidence to inform infection control practices, as RCTs are prioritized in the hierarchy of evidence for establishing cause- and-effect relationships.

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CBIC Infection Prevention and Control (IPC) Core Competency Model (updated guidelines, 2023), which emphasizes the use of high-quality evidence, including RCTs, for validating infection control interventions.

CBIC Examination Content Outline, Domain I: Identification of Infectious Disease Processes, which underscores the importance of evidence-based study designs in infection control research.

144. Frage

Given the formula for calculating incidence rates, the Y represents which of the following?

- A. Number of events
- B. Number of infected patients
- C. Population at risk
- D. Population served

Antwort: C

Begründung:

Incidence rate is a fundamental epidemiological measure used to quantify the frequency of new cases of a disease within a specified population over a defined time period. The Certification Board of Infection Control and Epidemiology (CBIC) supports the use of such metrics in the "Surveillance and Epidemiologic Investigation" domain, aligning with the Centers for Disease Control and Prevention (CDC) "Principles of Epidemiology in Public Health Practice" (3rd Edition, 2012). The formula provided,

$Y \times K = \text{Rate}$, represents the standard incidence rate calculation, where K is a constant (e.g., 1,000 or 100,000) to express the rate per unit population, and the question asks what Y represents among the given options.

In the incidence rate formula, X typically represents the number of new cases (or events) of the disease occurring during a specific period, and Y represents the population at risk during that same period. The ratio $\frac{X}{Y}$ yields the rate per unit of population, which is then multiplied by K to standardize the rate (e.g., cases per 1,000 persons). The CDC defines the denominator (Y) as the population at risk, which includes individuals susceptible to the disease over the observation period. Option B ("Number of infected patients") might suggest X if it specified new cases, but as the denominator Y , it is incorrect because incidence focuses on new cases relative to the at-risk population, not the total number of infected individuals (which could include prevalent cases). Option C ("Population at risk") correctly aligns with Y , representing the base population over which the rate is calculated.

Option A, "Population served," is a broader term that might include the total population under care (e.g., in a healthcare facility), but it is not specific to those at risk for new infections, making it less precise. Option D,

"Number of events," could align with X (new cases or events), but as the denominator Y , it does not fit the formula's structure. The CBIC Practice Analysis (2022) and CDC guidelines reinforce that the denominator in incidence rates is the population at risk, ensuring accurate measurement of new disease occurrence.

References:

CBIC Practice Analysis, 2022.

CDC Principles of Epidemiology in Public Health Practice, 3rd Edition, 2012.

145. Frage

The infection preventionist (IP) is invited to a planning meeting for a new oncology unit. The team is excited about the new design and wants lots of natural plants to be incorporated. What action should the IP take?

- A. Prohibit any discussion on the inclusion of natural plants.
- B. Ask about the air handling unit.
- C. Ask whether artificial plants could be used instead.
- D. Allow the process to continue.

Antwort: C

Begründung:

The CBIC Certified Infection Control Exam Study Guide (6th edition) clearly emphasizes that oncology units house highly immunocompromised patients, making environmental sources of infection a critical concern during design and planning phases. Natural plants, soil, and standing water are well-recognized reservoirs for environmental fungi and gram-negative bacteria, including *Aspergillus*, *Fusarium*, and *Pseudomonas* species, all of which pose a serious infection risk to oncology patients.

Rather than allowing the process to continue unchecked (Option A) or completely shutting down discussion (Option D), the infection preventionist's role is to guide the team toward safer alternatives while supporting collaborative planning. Asking whether artificial plants can be used instead (Option C) is the most appropriate action because it maintains the aesthetic goals of the design team while eliminating the infection risks associated with live plants.

Option B, asking about the air handling unit, is important in oncology design but does not directly address the specific and preventable risk posed by natural plants. The Study Guide notes that potted plants, dried flower arrangements, and soil-containing decor should be avoided in areas caring for severely immunocompromised patients.

For the CIC exam, this question highlights the IP's responsibility to anticipate environmental infection risks early in facility planning and recommend practical, evidence-based alternatives that protect patient safety without unnecessarily impeding design goals.

146. Frage

During the last week in June, an emergency department log reveals numerous cases of profuse watery diarrhea in individuals 74 years of age and older. During the same time period, four immunocompromised patients were admitted with possible *Cryptosporidium*. Which of the following actions should the infection preventionist take FIKST?

- A. Increase surveillance facility wide for additional cases
- B. Contact the laboratory to confirm stool identification results
- C. Characterize the outbreak by person, place, and time
- D. Form a tentative hypothesis about the potential reservoir for this outbreak

Antwort: C

Begründung:

When an outbreak of infectious disease is suspected, the first step is to conduct an epidemiologic investigation. This begins with characterizing the outbreak by person, place, and time to establish patterns and trends. This approach, known as descriptive epidemiology, provides critical insights into potential sources and transmission patterns.

Step-by-Step Justification:

* Identify Cases and Patterns:

* The infection preventionist should analyze patient demographics (person), locations of cases (place), and onset of symptoms (time). This helps in defining the outbreak scope and potential exposure sources.

* Create an Epidemic Curve:

* An epidemic curve helps determine whether the outbreak is a point-source or propagated event.

This can indicate whether the infection is spreading person-to-person or originating from a common source.

* Compare with Baseline Data:

* Reviewing historical data ensures that the observed cases exceed the expected norm, confirming an outbreak.

* Guide Further Investigation:

* Establishing basic epidemiologic patterns guides subsequent actions, such as laboratory testing, environmental sampling, and surveillance.

Why Other Options Are Incorrect:

* B. Increase surveillance facility-wide for additional cases:

* While enhanced surveillance is important, it should follow the initial characterization of the outbreak. Surveillance without a defined case profile may lead to misclassification and misinterpretation.

* C. Contact the laboratory to confirm stool identification results:

* Confirming lab results is essential but comes after defining the outbreak's characteristics. Without an epidemiologic link, testing may yield results that are difficult to interpret.

* D. Form a tentative hypothesis about the potential reservoir for this outbreak:

* Hypothesis generation occurs after sufficient epidemiologic data have been collected. Jumping to conclusions without characterization may result in incorrect assumptions and ineffective control measures.

CBIC Infection Control References:

- * APIC Text, "Outbreak Investigations," Epidemiology, Surveillance, Performance, and Patient Safety Measures.
- * APIC/JCR Infection Prevention and Control Workbook, Chapter 4, Surveillance Program
- * APIC Text, "Investigating Infectious Disease Outbreaks," Guidelines for Epidemic Curve Analysis.

147. Frage

An infection preventionist (IP) is informed of a measles outbreak in a nearby community. What is the IP's FIRST priority when working with Occupational Health?

- **A. Verify that employees in high-risk exposure areas of the facility have adequate immunity to measles.**
- B. Isolate employees who have recently traveled to areas with measles outbreaks.
- C. Reassign employees who are pregnant from caring for patients with suspected measles.
- D. Set up a mandatory vaccination clinic in collaboration with Occupational Health and local public health partners.

Antwort: A

Begründung:

When an infection preventionist (IP) is informed of a measles outbreak in a nearby community, the immediate priority is to protect healthcare workers and patients from potential exposure, particularly in a healthcare setting where vulnerable populations are present. Working with Occupational Health, the IP must follow a structured approach to mitigate the risk of transmission, guided by principles from the Certification Board of Infection Control and Epidemiology (CBIC) and public health guidelines. Let's evaluate each option to determine the first priority:

* A. Isolate employees who have recently traveled to areas with measles outbreaks: Isolating employees who may have been exposed to measles during travel is an important infection control measure to prevent transmission within the facility. However, this action assumes that exposure has already occurred and requires identification of affected employees first. Without knowing the immunity status of the workforce, this step is reactive rather than preventive and cannot be the first priority.

* B. Reassign employees who are pregnant from caring for patients with suspected measles: Reassigning pregnant employees is a protective measure due to the severe risks measles poses to fetuses (e.g., congenital rubella syndrome risks, though measles itself is more about maternal complications). This action is specific to a subset of employees and depends on identifying patients with suspected measles, which may not yet be confirmed. It is a secondary step that follows assessing overall immunity and exposure risks, making it inappropriate as the first priority.

* C. Verify that employees in high-risk exposure areas of the facility have adequate immunity to measles:

Verifying immunity is the foundational step in preventing measles transmission in a healthcare setting.

Measles is highly contagious, and healthcare workers in high-risk areas (e.g., emergency departments, pediatric wards) are at increased risk of exposure. The CBIC and CDC recommend ensuring that all healthcare personnel have documented evidence of measles immunity (e.g., two doses of MMR vaccine, laboratory evidence of immunity, or prior infection) as a primary infection control strategy during outbreaks. This step allows the IP to identify vulnerable employees, implement targeted interventions, and comply with occupational health regulations. It is the most proactive and immediate priority when an outbreak is reported in the community.

* D. Set up a mandatory vaccination clinic in collaboration with Occupational Health and local public health partners: Establishing a vaccination clinic is a critical long-term strategy to increase immunity and control the outbreak. However, this requires planning, resource allocation, and coordination, which take time. It is a subsequent step that follows verifying immunity status to identify those who need vaccination. While important, it cannot be the first priority due to its logistical demands.

The first priority is C, as verifying immunity among employees in high-risk areas establishes a baseline to prevent transmission before reactive measures (e.g., isolation, reassignment) or broader interventions (e.g., vaccination clinics) are implemented. This aligns with CBIC's focus on proactive risk assessment and occupational health safety during infectious disease outbreaks, ensuring a rapid response to protect the healthcare workforce and patients.

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CBIC Infection Prevention and Control (IPC) Core Competency Model (updated 2023), Domain III:

Prevention and Control of Infectious Diseases, which prioritizes immunity verification during outbreaks.

CBIC Examination Content Outline, Domain IV: Environment of Care, which includes ensuring employee immunity as part of outbreak preparedness.

CDC Guidelines for Measles Prevention (2023), which recommend verifying healthcare worker immunity as the initial step during a measles outbreak.

148. Frage

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