



CDC Guidelines Recommend Doxycycline for Preventing Bacterial Sexually Transmitted Infections in the United States in 2024

Description

A recent study conducted by the Centers for Disease Control and Prevention (CDC) has provided new insights into the use of doxycycline as a post-exposure prophylaxis (PEP) for bacterial sexually transmitted infections (STIs). The study, led by a team of CDC physicians specializing in infectious diseases, STIs, and HIV, aimed to determine the effectiveness of doxycycline in reducing the risk of syphilis, chlamydia, and gonorrhea following sexual activity.

Through a comprehensive review of published studies, the research team found evidence supporting the use of doxycycline as an effective STI prophylaxis. The study utilized a rigorous grading system similar to the one used by the U.S. Department of Health and Human Services to assess the strength of the evidence.

In addition to the literature review, experts, stakeholders, and community members came together for a 2-day consultation to discuss the benefits and potential risks of using doxycycline as PEP. The findings from this consultation, as well as a subsequent bioethics consultation, were instrumental in shaping the final recommendations.

The study also highlighted the importance of considering the diverse backgrounds and expertise of individuals involved in the review process, as well as the need to address potential conflicts of interest. The final recommendations, developed by the CDC staff, aim to provide clear guidance on the use of doxycycline for STI prevention.

Overall, this study underscores the significance of proactive measures in combating STIs and highlights the importance of evidence-based recommendations in public health initiatives.

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Vocabulary List:

1. **prophylaxis** // (noun): A preventive treatment or measure.
2. **rigorous** // (adjective): Thorough and accurate.
3. **consultation** // (noun): A meeting to seek advice or exchange ideas.
4. **instrumental** // (adjective): Playing an important role in achieving something.
5. **conflicts of interest** // (noun phrase): A situation in which a person or organization is involved in multiple interests financial or otherwise and fulfilling one interest could compromise another.
6. **initiatives** // (noun): New plans or strategies to solve a problem or improve a situation.

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which area is at risk of being entirely covered by water during a flood?
Option: Mountains
Option: Desert
Option: Valley
Option: Island
2. What medical condition results in the body converting sugary foods into alcohol internally?
Option: Type 2 Diabetes
Option: Auto-brewery Syndrome
Option: Celiac Disease
Option: Asthma
3. Which term refers to the quality of being correct or precise?
Option: Confidence
Option: Intuition
Option: Accuracy



Option: Guesswork

4. What type of medication is used to treat fungal infections?

Option: Antibiotic

Option: Antiviral

Option: Antifungal

Option: Anti-inflammatory

5. Which type of supplements contain live beneficial bacteria?

Option: Vitamins

Option: Probiotics

Option: Minerals

Option: Painkillers

6. What term describes something about to happen soon?

Option: Finished

Option: Postponed

Option: Resolved

Option: Impending

7. Which word describes something innovative and revolutionary?

Option: Traditional

Option: Outdated

Option: Groundbreaking

Option: Conventional

8. What is a traditional story that may or may not be based on reality?

Option: Fact

Option: Legend

Option: Myth

Option: Biography

9. Which term refers to a magical or medicinal potion believed to have powers?

Option: Serum

Option: Placebo

Option: Elixir

Option: Potion

10. Which device is used to conduct electricity between a nonmetallic part of a circuit?



- Option: Transistor
- Option: Fuse
- Option: Resistor
- Option: Electrode

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ to his craft the artist spent hours every day perfecting his skills.
12. To avoid any _____ the judge recused himself from the case involving his cousin.
13. The organization launched several _____ to promote environmental sustainability.
14. The brain communicates through complex networks of _____ pathways.
15. A well-thought-out _____ is crucial for a successful marketing campaign.
16. _____ is the hard outer surface of teeth that protects them from damage.
17. The process of choosing a new leader through an _____ is a fundamental part of democracy.
18. A specialized doctor called a _____ interprets medical images like X-rays and MRIs.
19. The ability to remain calm under pressure is an _____ that many successful leaders possess.
20. High-speed internet has greatly improved global _____ and communication.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Intoxication caused by the consumption of alcohol.
22. When a medical condition is incorrectly identified by healthcare professionals.
23. An approximate calculation or assessment of something.
24. Thorough exhaustive and carefully detailed in approach.



25. Something that occurs repeatedly or is frequent in its appearance.
26. A stimulus that initiates a reaction response or chain of events.
27. A meeting or discussion to seek advice or exchange ideas.
28. Essential or influential in causing a desired outcome or process.
29. Preventive treatment to protect against a disease or condition.
30. Situations where a person's duties or interests may be at odds with each other.

Answer

Multiple Choice: 1. Valley 2. Auto-brewery Syndrome 3. Accuracy 4. Antifungal 5. Probiotics 6. Impending 7. Groundbreaking 8. Myth 9. Elixir 10. Electrode

Gap-Fill: 11. Dedication 12. Conflict of Interest 13. Initiatives 14. Neural 15. Strategy 16. Enamel 17. Election 18. Radiologist 19. Attribute 20. Connectivity

Matching sentence: 1. Drunkness 2. Misdiagnosed 3. Estimate 4. Rigorous 5. Recurrent 6. Trigger 7. Consultation 8. Instrumental 9. Prophylaxis 10. Conflicts of Interest

CATEGORY

1. Health - LEVEL4

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Author

aimeeyoung99