

HLS-Microbiology

Archive

Lecture 6

Yersinia Pestis

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1. Yersinia pestis , one statement is incorrect:

- A) contain two cycles : sylvatic+domestic
- B) most common for death is shock
- C) diffuse black fingers
- D) safety pin appearance
- E) death due to pneumatic phase without treatment 5%

Answer D

2. True about yersinia pestis?

- use hms system to secrete their proteins.

3. False about yersinia?

- it hemolyze blood.

4. The plague spreads from ---- to ---- , and then to ----?

- A- Rats, fleas, humans
- B- fleas, rats, humans.

Answer B

5. Yersinia pestis is a bacterium responsible for plague, which of the followings is TRUE?

- a. Motile
- b. Spore forming
- c. Has a safety pin appearance (bipolar staining)
- d. Penicillin is the treatment of choice.
- e. Can not grow at 28oC.

Answer C

6. Choose the correct statement related to pneumonic plague: -

- A. Never transmitted from person to person.
- .B. Only transmitted by bite.
- C. Should take caution in droplet transmission

Answer: B

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7. Which stain gives the bipolar appearance in yersinia pestis?

leishman stain

6- Main transmission route of the Plague :

A. Flea

B. Person to person

Answer A

