

Situational task

In the infectious department of the hospital family was ambulated with similar symptoms: difficulty swallowing, aphonia, accommodation disorder, language disorder. On the yesterday's dinner they ate canned fish. The preliminary diagnosis is "botulism".

1. Name the pathogen; describe its morphology; biological characteristics (type of breathing, virulence factors); specify the source of the pathogen and mechanisms of contracting the infection.
2. Describe the scheme of laboratory diagnosis of infection. Expand the contents of each method.
3. What are the immunological and chemotherapeutic agents for the treatment and prevention of specific infections.