

**ABSTRACT:**

The main research problem concerns the characteristics of tick-borne disease and determine the quantity and quality of information that students get in health education and biology of these diseases.

The theoretical part deals with the history, etiology, clinical features, diagnosis, treatment and prevention of tick-borne encephalitis and Lyme disease. It also discusses the general problems of tick and other diseases that ticks carry and cause. Also is mentioned the inclusion of tick-borne diseases in the educational program. The practical part is devoted to the awareness of upper primary school students and changes in their knowledge about the issue during their elementary education.

The aim of this thesis is to determine how the students are informed about diseases transmitted by ticks, especially about Lyme disease and tick-borne encephalitis. This method is used questionnaire, which includes questions regarding this issue. Although the results of the research show a certain degree of knowledge of students at upper primary school, especially in some classes is unsatisfactory. Based on research, there is provided a recommendation for pedagogical practices.

**KEYWORDS:**

tick, tick-borne encephalitis, Lyme disease, knowledge, disease, upper primary school