

## **Abstract**

**Title:** Knowledge of first aid among primary and secondary school teachers in the Liberec and Ústí Region.

**Objectives:** The main aim of this study is to determine the level of knowledge in the field of first aid among primary and secondary school teachers in Liberec and Ústí nad Labem regions. The sub-tasks of the work are to find out whether and in what form the respondents are most often trained, and which injuries or accidents are most common in primary and secondary schools.

**Methods:** A questionnaire survey was used to collect data, with a total of 30 questions. The non-standardized questionnaire was inspired by the 2022 Tyler questionnaire. The questionnaire survey was distributed via email. The sample consisted of teachers from primary and secondary schools irrespective of the subject taught. A total of 378 teachers participated, of which 302 were female and 76 were male. There were 213 teachers from the Liberec region and 165 from the Ústí region. 247 teachers teaching in primary schools and 131 from secondary schools sent in their responses. The data were converted into Microsoft Excel and processed using the graphical method.

**Results:** The results showed that the first aid knowledge of the teachers is not ideal, as the average response rate is 73.9%. The greatest deficiency in first aid knowledge came out in cases of ingestion of blue rock where the success rate of responses was only 34.9 %. In cases of electric shock, 42.9 % of the respondents would take the correct first step. The least number of incorrect answers was in questions related to the correct number for the emergency services, which was answered correctly by 97.6 %. 94.4 % of respondents knew the symptoms of concussion. 94.2 % of respondents would do the right thing if a pupil was bitten by a viper. The most common injuries dealt with in the school environment are nosebleeds, scratches and sprals. The results show that 69.3 % of respondents have first aid training provided by their employer. For 59.3 % (224) of the respondents, the training includes model situations which 135 of them handle themselves and 89 are only observers.

**Keywords:** first aid course, pedagogue, school accident, wound treatment