

# **Abstract**

## **Title:**

First aid knowledge of students of FTVS UK and FSV UK

## **Objectives:**

The main objective was with the help of online survey to find out if there is a statistically significant difference in the first aid knowledge of students of The Faculty of Physical Education and Sport of Charles University (FTVS UK) and students of The Faculty of Social Sciences of Charles University (FSV UK). The secondary objectives were to find out if there is a statistically significant difference in first aid knowledge in regards to sex, type of study, participation in a first aid course and participation in the subject „First Aid“.

## **Methods:**

The collection of data was done by means of online survey. The questionnaire was created with the help of Google Forms software and subsequently distributed through the website Facebook. 62 students of FTVS UK and 67 students of FSV UK filled out the questionnaire. After the data were collected they were downloaded as Microsoft Excel file and subsequently encoded and statistically analysed. The Microsoft Excel software was used to compute arithmetic mean and standard deviation, mode, median, maximum and minimum of subsamples. The software RStudio was used to test for differences between the samples and to test for normality of data distribution. Mann-Whitney U test was used to test for differences between two samples, Kruskal-Wallis test was used to test for differences in cases of more than two samples.

## **Results:**

There were no statistically significant differences in the first aid knowledge in regards to faculty, sex, type of study, participation in a first aid course and participation in the subject „First Aid“.

**Keywords: resuscitation, survey, life-threatening conditions, health, knowledge level, teaching**