

## **Abstract**

This bachelor's thesis deals with the issue of maternal awareness in the field of lay resuscitation of newborns and infants and is conceived as a theoretical-practical work.

The theoretical part of the bachelor thesis is divided into seven chapters. The first chapter describes the neonatal and infant period. The next chapters present the recommended practices in neonatal and infant resuscitation according to the current 2021 Guidelines, and define the chain of survival, emergency pre-hospital care, basic and advanced life support. The fifth chapter deals with education in basic life support. The final chapters discuss sudden life-threatening episodes – apparent life-threatening event (ALTE), brief resolved unexplained event (BRUE), sudden unexpected postnatal collapse (SUPC), and last but not least, sudden infant death syndrome (SIDS), with emphasis on its risk factors and preventive measures.

For the practical part of my bachelor's thesis, a quantitative questionnaire survey was used, which took place between 12/2022 and 2/2023 at the Gynaecology and Obstetrics Clinic of the 1st Faculty of Medicine and General University Hospital in Prague. The target group of the questionnaire survey are women after childbirth in the six-week wards. The respondents were provided with a questionnaire in paper form, which contained a total of 17 questions focused mainly on the level of knowledge of mothers in the field of providing lay resuscitation for children up to one year of age. The respondents were informed about the topic and objectives of the bachelor thesis and assured of their anonymity.

The questionnaire survey revealed that the vast majority of the women (97,32 %) were educated about providing lay resuscitation to newborn or infant during their stay and their level of knowledge can be considered as fair. From the data obtained, it is clear that there are still gaps in the issue of SIDS and its prevention and hence there is a need to work on increasing the awareness of mothers about this issue as well.

### **Key words**

newborn, infant, education, basic life support, lay resuscitation