

## Abstract

The thesis deals with the awareness of the public about how to use Automatic External Defibrillator in General first aid. In the theoretical part, I present the basic anatomical, physiological and pathophysiological information. I spent the greater part of the automatic external defibrillator, its importance, description, and recommended steps to use. The empirical part evaluates me carried out quantitative research that I carried out in the form of an anonymous questionnaire, which is located on the Internet. The questionnaire was designed for adults, which do not work in the health sector. The main objective of the research was to identify the level of awareness among the general public about the AED, intermediate objectives was to determine willingness to train laypeople about the AED and also to map sources of information that the public most searches. The results of the research I placed in the overview tables and charts. The tables contain the absolute frequency, relative frequency and the total frequency. The result is a finding that the level of awareness compared to the studies carried out in the past years increased slightly, but it cannot be regarded as satisfactory. I have noted the public interest for more information and a considerable willingness to train in spare time.

Keywords: AED, arrhythmia, atrial fibrillation, defibrillation, sudden arrest, first aid, resuscitation

