

The Thesis deals with the issue of provision of advanced life support in a Hospital. The main focus is the process, algorithm, of successive individual steps, its correct performance in practice should lead to the provision of effective CPR or to minimize subsequent post-resuscitation complications. The Thesis is mainly focused on non-medical health worker, as an important member of the healthcare team, his tasks, responsibilities and competences. The theoretical part will be processed according to the current guidelines of the European Resuscitation Council. Within the subsequent empirical part is included the methodology of realized research, the process of data collection, and the final interpretation of the results, followed by analysis and discussion. The survey is conducted by quantitative research, using the questionnaire survey. The aim of the research was to determine respondents' level of theoretical training, ways of continuing education and current conditions at selected workplaces. Based on detected results, the steps for nursing practice are proposed.

KEY WORDS: advanced life support, sudden cardiac arrest, sudden respiratory arrest, ventricular fibrillation, electrical defibrillation, algorithm of KPCR, post - resuscitation syndrome, activities of nurse.