The thesis "Analysis of the distribution of the sole pressures in standing position and in walking of person s with the diagnosis of calcar calcanei before and after extracorporeal shock wave therapy" is a theoretical-empirical case study. The theoretical part deals with kinesiology and function of foot, furthermore it attends to postural stability system,
control, analysis of physiological walk and plantar distribution of pressures in standing position and in walk. Also, findings about heel spur and its treatment possibilities are
worked up. The theoretical part ends with the summary of findings about extracorporeal shock wave therapy, advantages and disadvantages, indications and contraindications.
The empirical part of the thesis is concemed with verifying the influence of extracorporeal shock wave therapy to standing position and walk of patients with the diagnosis calcar
calcanei. The main object of the research was observing changes in the distribution of the sole pressures in standing position and walk of the patients with heel spur before and
after extracorporeal shock wave herapy.