

**Abstract:**

The therapy of vertebral issues is nowadays (at the present time) an inherent part of the physiotherapist's work. The main aim of this study is to find out, if we are able to change stability and reactivity of patients with vertebral issues by using selected elements of musical therapy. As an ulterior aim I chose to evaluate respondent's subjective feelings about changes in their vertebral issues and to compare advantages and disadvantages of integrating musical therapy into therapeutical unit.

In the theoretical part I am writing about musical therapy as a branch of science which is trying to find its place in our health care. I am also writing about postural motor skills, posturography as an objective evaluating method and about vertebral issues with its etiology. An important chapter in this theoretical part is about psychosomatics, which often causes back pain.

For practical part of the theses I prepared 10 musical therapy sessions. Main aim of these sessions was to influence musculoskeletal system, reactivity and stability of respondents. To evaluate objectively the results the posturography was used. Materials used to fulfill ulterior aims were taken by a questionnaire.