

## **Abstract**

The aim: The aim of this work is to compare the effects of different physiotherapy techniques (Motor programs activating therapy, Manual physiotherapy correction, Vojta's reflex locomotion) in patients with multiple sclerosis. Another aim is to compare the effect of continuing therapy after completion of the therapeutic program. The last aim of the study is to compare the perception of the effect of a physical therapist and the patient himself.

The Method: 34 ambulant patients with multiple sclerosis were randomly divided into three groups (Motor programs activating therapy, Manual physiotherapy correction, Vojta's reflex locomotion) and underwent during two months 20 therapies. They passed the therapy 2-3 times per week, length of one therapy was 60 minutes. Clinical examination and questionnaire survey was conducted before the start of therapy, immediately after the end of the therapy program, and one month after the end of the therapy program.

Results: All groups showed improvement observed parameters, but there were not indicate the significant differences between groups. Some effect of therapeutic programs persists even after cessation of therapy. Perception of the effect by physiotherapist and patient is different. In the group MPAT evaluate patient outcomes better than a therapist. Groups MFK and VRL are better appreciated by therapist.