

This thesis focuses on gait examination of hemiparetic patients. The first part addresses general pieces of knowledge about gait, examination options, application of examinational gait tests in the physical therapy, and description of hemiparesis. The second part is summary of my practical experience with gait examinations of hemiparetic patients.

The goal of this thesis is to try and evaluate options of tests and gait examinational methods:

- The Rancho Los Amigos Observational Gait Analysis System
- The Tinetti Balance and Gait Evaluation
- The Rivermead Visual Gait Assessment

The benefits and drawbacks of each test are also evaluated. It is described how the test informs about gait disorder, its use in practice, the difficulty of realization for both patient and examiner, the method of test evaluation.