

Abstract

- Thesis title:** Technique and methodology of skiing with one-sided above knee amputation on two skis.
- Main objectives:** Propose a methodical series for beginners with one-sided above knee amputation on two skis.
- Method:** The work is of theoretical-empirical character, this is an explanatory case study applied to three probands, skiers with one-sided above knee amputation. Firstly, a content analysis of publicly available methodical publications will be carried out. Then the observation method with the following description will characterize probands technique by watching video records. Finally, we will propose a methodical series in which we will reflect the observed problems in the technique.
- Results:** We found out in our bachelor thesis, that the same basic mistakes appear in amateur skier beginners, therefore we have proposed a theoretical methodological series that should lead to their elimination.
- Key words:** above knee amputation, prosthetic, transfemoral amputation, prosthetic, skiing of amputees, skiing with prosthetic, ProCarve, C-leg, Genium.