The aim of the bachelor’s thesis is to find out how medical application of botulinum
toxin can affect the quality of life in patients with multiple sclerosis. The thesis is based
on theoretical research providing a brief overview of the basic facts about multiple sclerosis –
its pathogenesis, etiology, clinical picture, treatment alternatives. Further on, the thesis deals
with the concept of spasticity, possibilities to influence it and also its valuation.
The subsequent section comprises an overview of the findings about botulinum toxin and its
therapeutic application. The term quality of life, an influence of the disease on the quality
of life and also the methods used to evaluate it are described at the end of the theoretical part.
The practical section contains case histories of two patients who underwent the medical
application of botulinum toxin. The thesis is closed by a discussion on this topic.