

Summary

Charles University

Faculty of Pharmacy in Hradec Králové

Department of Biological and Medical Sciences

Student: Martin Pilát

Supervisor: Irena Krcmova, M.D.

Title: Hereditary angioedema - diagnostics, therapy and life quality of patients with this diagnosis

The theoretical part of this diploma thesis presents basic information about Hereditary Angioedema (HAE). It includes a short history, genetics, pathophysiology, different types of HAE, the clinical picture, description of laboratory methods used to diagnose HAE and current therapy options.

The practical part consists of a description of the origin and development of methods for evaluation of patients with the Angioedema and statistical evaluation of a questionnaire filled by 66 patients with Hereditary Angioedema at four outpatient departments of faculty hospitals focused on this disease.

The main aim of the thesis is to learn more about the quality of life of patients with HAE today. The discussion then works with the questionnaire results and compares them with data from other international sources.

The processed results lead to the conclusion that the areas of daily life which are impaired the most are physical activities and broken sleep at night with the following tiredness during the day. Just as important is the negative influence on mental condition, because Hereditary Angioedema causes depression and burdensome fear of a new attack or increase of attack frequency. Generally, however, most patients believe current possibilities of Angioedema regulation using therapy are at a good level.

Keywords

Hereditary Angioedema; diagnostics; questionnaire; quality of life; Angioedema – quality of life (AE-QoL); Angioedema activity score (AAS); Angioedema – control test (AECT)