

ABSTRACT OF THE BACHELOR'S THESIS

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Opponent:

Title of bachelor's thesis:

Techniques of Respiratory Physiotherapy in inhalation Therapy of Chronic Pulmonary Disease

Abstract:

This paper is focused on the techniques of respiratory physical therapy in inhalation therapy of chronic pulmonary diseases. The paper is divided into two parts - theoretical and practical.

The aim of the theoretical part is to briefly describe anatomy and physiology of respiration. Next, the theoretical part deals with chronic obstructive pulmonary disease and possibilities of its treatment. The emphasis is put on the inhalation therapy and the description of particular techniques of respiratory physical therapy which are used in the therapy of chronic pulmonary diseases.

The practical part includes two case histories of patients who are being treated for chronic obstructive pulmonary disease. To evaluate the state of the patient, spirometry testing and the MMRC dyspnea scale are used.

The aim of this paper is to show the influence of respiratory physical therapy on efficacy of inhaled medicine concerning the patients with chronic pulmonary diseases.

Key words: chronic obstructive pulmonary disease, inhalation therapy, respiratory physical therapy, instrumental techniques