

This thesis deals with the issue of the pulmonary hypertension before and after the pulmonary endarterectomy. The theoretical part targets the affection of the pulmonary hypertension, its diagnostics, classification and cure. Special chapters are dedicated to the chronic thromboembolic pulmonary hypertension and the pulmonary endarterectomy.

The research part of the thesis includes a shortened case report and a description of the specific care about patients after the pulmonary endarterectomy. We evaluate a standard questionnaire SF-36 about the state of health in this part, which the patients with the chronic thromboembolic pulmonary hypertension were interviewed with, before and after the surgical operation, and the improvement was examined. We also investigate if the personal characteristics of the respondents, as the age or sex, play an important role in the response. The patients before a surgical operation of the coronary arteries were also interviewed with the same questionnaire, and the results of both groups of the patients are compared.