

## HEALTH-RELATED QUALITY OF LIFE OF PATIENTS SUFFERING FROM CYSTIC FIBROSIS

I. Uchmanowicz<sup>1,3</sup>, J. Rosińczuk-Tonderys<sup>2</sup>, B. Jankowska-Polanska<sup>1,3</sup>, M. Wleklík<sup>3</sup>

<sup>1</sup>Department of Clinical Nursing, Faculty of Health Sciences, Medical University of

Wroclaw <sup>2</sup>Department of Nervous System Diseases, Faculty of Health Sciences, Wroclaw Medical

University <sup>3</sup>Students' Scientific Group at the Internal Nursing Department, Faculty of Health Sciences, Medical University of Wroclaw, Poland

**Introduction:** A chronic disease interferes in all spheres of human life and often decreases the level of patients' quality of life. Cystic fibrosis is a particular example of a chronic disease with progressive course. Current statistical data show that life span of patients with cystic fibrosis extends. Therefore it is necessary to undertake interdisciplinary actions aiming at improvement of efficiency of medical activities as well as minimization of influence of those interventions on patients' quality of prolonging life. **Aim:** To depict quality of life of patients suffering from mucoviscidosis and show differences in assessment of patients' quality of life depending on age and sex. **Material and methods:** the study covered 30 patients with cystic fibrosis including 19 females and 11 males. Mean age of the respondent group was  $24,83 \pm 6,98$ ; mean age of females -  $25,8 \pm 7,27$ , whereas of males -  $23,5 \pm 6,56$ . A specific questionnaire for testing cystic fibrosis quality of life (CFQoL) of patients was used in the study. **Results:** generally patients with cystic fibrosis evaluated their quality of life as low. In the study with the use of a CFQoL questionnaire they evaluated their quality of life as the lowest in a subscale: future concerns. In most domains women got lower mean values than men. A dependence between patients' quality of life and their age was ascertained. The older patient is, the lower quality of life is in case of subscales (CFQoL): physical functioning, social functioning, chest symptoms, emotional functioning, interpersonal relationships, body image, career concerns. **Conclusions:** patients with cystic fibrosis generally evaluate their quality of life as low; there are differences in evaluation of quality of life between women and men. There is a relation between patients' quality of life and their age. The older the patient, the worse is his quality of life in most subscales.