

Aldona Kubica

Department of Cardiac Rehabilitation and Health Promotion, Collegium Medicum, Nicolaus Copernicus University, Bydgoszcz, Poland

The functioning in chronic illness — a key determinant of treatment efficacy in patients with metabolic syndrome

To the Editor

Metabolic syndrome (MetS) including obesity, hypertension, impaired glucose metabolism, and elevated non-high-density lipoprotein cholesterol level due to increasing prevalence and serious impact on clinical outcomes constitutes a significant health and social problem [1]. Recently several papers published in "Medical Research Journal" presented different therapeutic approaches in this subset of patients [2-6]. Obesity is a key factor impeding the physical and mental functioning of patients with MetS. The Functioning in Chronic Illness Scale (FCIS) is a unique tool developed for comprehensive evaluation of various aspects of patient functioning with chronic disease [7–9]. This scale, consisting of three subscales and 24 items is designed to evaluate the impact of the disease on the patient in the first subscale. It mainly refers to the patient's physical efficiency, quality of life, and acceptance of the disease. The second and third subscales assess the patient's beliefs regarding the possible impact on the course of illness and the impact of the disease on the patient's attitudes, respectively. These subscales refer mainly to self-efficacy and the location of health control [10–12]. MetS affects multiple aspects of patients' lives in many ways, including physical activity, emotional and spiritual spheres, and social functioning. Limited functioning of a patient with MetS results in decreased self-esteem, deteriorated well-being, increased anxiety,

and uncertainty about the future [13, 14]. The FCIS has never been validated in MetS patients, however, it appears to be an excellent fit for the diagnostic needs of this specific subgroup of patients [15, 16]. Low adherence to therapeutic plans is the main limitation of the effectiveness of therapy in obese patients. There is a direct link between the patient's functioning and adherence to treatment, therefore, all activities aimed at supporting cooperation with an obese patient are of key importance for therapy effectiveness [7, 11–21]. Thus, the Adherence in Chronic Disease Scale (ACDS) is also worth validating in MetS patients [22–27].

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Corresponding author:

Aldona Kubica, Department of Cardiac Rehabilitation and Health Promotion, Collegium Medicum, Nicolaus Copernicus University, Bydgoszcz, Poland; e-mail: akubica@cm.umk.pl

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