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Effect of treatment satisfaction and convenience with Oral Anticoagulation treatment on quality of life Atrial Fibrillation

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Satisfaction and convenience with oral anticoagulation treatment (OAC) is important, as it translates into better adherence and better quality of life (QoL). The use of OAC is not only associated with clinical complications such as an increased risk of bleeding, but also requires the patient to modify their current lifestyle, which itself can influence the patients' perceived QoL. Purpose of this study was to assess the impact of satisfaction and convenience with oral anticoagulation treatment on QoL. The study was carried out on a group of random selected patients (64 women, 52 men, mean age 75.2; SD=8.2) with diagnosed non-valvular AF hospitalized in the Department of Cardiology. Basic socio-demographic and clinical data were obtained using the author's questionnaire and analysis of medical records. To assess the QoL, a standardized research tool was used: the Arrhythmia-Specific Questionnaire in Tachycardia and Arrhythmia (ASTA), part III, questionnaire. The evaluation of antithrombotic treatment satisfaction and convenience was performed by using the Perception of Anticoagulant Treatment Questionnaire Part 2. (PACT-Q2). We observed statistically significant correlation between the PACT-Q2 convenience domain and the overall result of the ASTA quality of life assessment ($r=-0.328719$) and its physical ($r=-0.356089$) and mental domain ($r=-0.206229$). There was also a significant correlation between the PACT-Q2 satisfaction domain and the overall quality of life of ASTA ($r=-0.371899$), both physically ($r=-0.373857$) and mentally (-0.302878). Quality of life of atrial fibrillation patients is influenced not only by the OAC treatment itself, but also by patient's treatment satisfaction and convenience.

Recent Publications

1. Pobrotyn P, Mazur G, Kałużna-Oleksy M, Uchmanowicz B, Lomper K. The Level of Self-Care among Patients with Chronic Heart Failure. *Healthcare (Basel)*. 2021 Sep 8;9(9):1179.
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3. Lomper K, Sławuta A, Dudek K, Mazur G, Walfridsson U, Jankowska-Polańska B. Psychometric evaluation of the Polish version of the Arrhythmia Specific Questionnaire in Tachycardia and Arrhythmia: a new tool for symptom and health related quality of life assessment. *Kardiol Pol*. 2019 May 24;77(5):541-552.

Biography

Katarzyna Lomper in her scientific work mainly focus on cardiovascular diseases, in particular atrial fibrillation and disorders associated with geriatric conditions.

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