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Quality of life in patients with different clinical features of atrial fibrillation

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Objective: Objective of the study is to investigate the status of the quality of life (QoL) in patients with different clinical features of atrial fibrillation (AF).

Methods: A total of 572 patients with AF from 7 hospitals in Jiangsu Province were investigated by using AF-QoL-17 questionnaire and analyze the status of QoL in patients with different clinical features of AF.

Results: Mean age of AF patients at admission was 71.28 ± 11.16 years; 52.8% of these patients were male. Patients with paroxysmal, persistent and permanent AF were 368 (64.3%), 155 (17.8%) and 38 (6.6%), respectively. 11 patients didn't indicate the type of AF. QoL score in patients with AF was 46.00 ± 13.53 . Univariate analysis showed that there were significant differences in the score of QoL in comorbidities, LVEF class, anticoagulant and antithrombotic therapy, the severity of AF symptoms, and the score of CHA2DS2-VASC ($P < 0.05$). From the subgroup analysis shown, QoL score of patients at high risk of stroke with anticoagulant therapy was significantly higher than that of patients at high risk of stroke without anticoagulation therapy ($P < 0.01$). QoL score of paroxysmal AF patients at high risk of stroke with anticoagulant therapy was significantly higher than that of paroxysmal AF patients at high risk of stroke without anticoagulation therapy ($P < 0.05$).

Conclusion: For patients at high risk of stroke without anticoagulant therapy, especially patients with paroxysmal AF, quality of their lives may be improved by carrying on clinical intervention under the premise of reducing the risk of stroke.

Biography

Yuan Xue is a Grade 1 master's student, who was admitted to Soochow University for a 3-year Master's degree program, majoring in Cardiovascular Nursing at School of Nursing, Soochow University in September 2017.

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