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Translation and validation of the Taiwanese version of the atrial fibrillation severity scale

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Aim: To translate and validate a Taiwanese version of the Atrial Fibrillation Severity Scale (AFSS).**Background:** The major barrier in the management of atrial fibrillation is the lack of degree of symptom distress to atrial fibrillation. However, few instruments have been developed to assess patient's degree of symptom distress to atrial fibrillation and none has been translated into Taiwanese.**Design:** This study used a standard forward-backward procedure, which was used to translate AFSS into Taiwanese language. Reliability was tested for internal consistency. Validity was confirmed using criterion-related validity.**Method:** Data collection for this research occurred from October 13, 2015 to October 26, 2016. A convenience sample of 151 adults who were treated with anticoagulants for atrial fibrillation was recruited from two teaching hospitals in northern Taiwan. The sample included atrial fibrillation outpatient. Participants simultaneously completed the Taiwanese version of the Atrial Fibrillation Severity Scale (AFSS-T).**Result:** Coefficient alpha was 0.80 for atrial fibrillation patients.**Conclusion:** Findings provide support for the validity of the Taiwanese version of the atrial fibrillation severity scale.**Relevance to Clinical Practice:** The translation and validation of an instrument evaluating the degree of symptom distress for atrial fibrillation in atrial fibrillation contribute to assessing the provided nursing care practice.

Biography

Pei-Ti Chen has completed her PhD's from National Taipei University of nursing and health Sciences. She is the assistant professor of department of nursing, Cardinal Tien Junior college of healthcare & management, New Taipei City, Taiwan. Her research major is medical-surgical nursing and nursing education.

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