

Development and assessment of the Quality of Life Instruments for Chronic Diseases-Gout(QLICD-GO) (V2.0)

Qiongleng Liu¹, Xu Liu¹, Xiaohua Xie¹, Chonghua Wan¹, Xingshan Zhang¹, Jiawei Rao¹, Xingjie Wang¹, and haiyan Pan¹

¹Affiliation not available

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Abstract

Objective: To develop and assess the Quality of Life Instruments for Chronic Diseases-Gout (QLICD-GO [V2.0]). Methods: The instrument was developed using a programmatic decision-making method to combine the general module of the Quality of Life Instruments for Chronic Diseases and a new specific module. The instrument was assessed by measuring the quality of life of 116 patients with gout. Results: The QLICD-GO (V2.0) included 28 items from the general module of chronic diseases and 12 items in three facets from the specific module. In addition to the field of physiological function, the internal consistency reliability of other fields and dimensions of the instrument was >0.7 and the split-half reliability was >0.5 . Three common factors were extracted from the specific module, with a cumulative variance contribution rate of 57.54%. The standardized response means of the specific module and the whole instrument were 0.94 and 1.20, respectively. Conclusions: The QLICD-GO (V2.0) has good reliability, validity, and responsiveness. The instrument comprehensively and objectively reflects the quality of life of patients with gout, and it can be used to assess treatment regimens developed by medical staff.

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