

The need assessments of integrated care for older adults based on the trajectory and transition of cognitive and physical function

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Moderator : Prof. Tracy LU (Assistant Professor)
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Abstract

Long-Term Care has become one of the hot issues in the social welfare management research. Needs assessment is the foundation of both implementation of Long-Term Care policies and the services provision. However, the current needs assessment system is based on the evaluation of physical function, which is lack of the perspective of cognitive function or holistic evaluation. This project will break out the medical models and explore the effect of cognitive function on the physical function and their interpreted social mechanism, then apply those logic relationships into improvement of the comprehensive need assessment model. The function of cognitive capability in the disability transition rule is studied based on the improvement of Markov Transition Probability Matrix models, in order to enhance the accuracy of estimation. For the macro-level need analysis, the size of disabled population in the future will be forecasted through parameters assumption in the projection. On the micro-level, a comprehensive need assessment method is constructed comprising cognitive and physical functions. The expected results of the project will provide theoretical foundation for Long-Term Care need assessment versatile tool design, and promote the scientific decision making for Long-Term Care policy development.



Biography

Dr. Xiaoting Liu received her Ph.D. Degree of Social Welfare from Department of Social Work at the Chinese University of Hong Kong. She is a Professor in the School of Public Affairs of Zhejiang University, and the Director of Center for Ageing & Health Study in Zhejiang University, which is one of the national-level ageing centers in China. Prof. Liu was awarded as a visiting scholar in the School of Social Welfare at University of California, Berkeley in the US and the Center of Research on Ageing at University of Southampton in UK. Her research interests are health care policy, gerontology, and long-term care service. Much of them has focused on the long-term care financing, service and policies, especially for the elderly with cognitive or physical impairment. She has published more than 30 papers on SSCI/SCI and CSSCI journals and books, and has experiences in undertaking National Social Science and Science Fund Projects, Asian Development Bank Consultant Project, etc.

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