

CRITICAL FACTORS OF HOSPITALS ADOPTING AGE-FRIENDLY INFORMATION SYSTEM IN RESPONSE TO LONG-TERM CARE PLAN 2.0

Chieh-Hsin Hsieh, Institute of Healthcare Information Management, National Chung Cheng University, No.168, Sec. 1, University Rd., Min-Hsiung Township, Chia-yi County 621, Taiwan (R.O.C.), +8865-2720411#16850, jessie1921231@gmail.com

Yan Lu, Institute of Healthcare Information Management, National Chung Cheng University, No.168, Sec. 1, University Rd., Min-Hsiung Township, Chia-yi County 621, Taiwan (R.O.C.), +8865-2720411#16850, 1992LuYan@gmail.com

Chun-Yu Tien, Institute of Healthcare Information Management, National Chung Cheng University, No.168, Sec. 1, University Rd., Min-Hsiung Township, Chia-yi County 621, Taiwan (R.O.C.), +8865-2720411#16850, tienrainrain@gmail.com

Shun-Ting Ho, Yuan Lin HO's Hospital, No.33, Minzu St., Yuanlin Township, Changhua County 51041, Taiwan (R.O.C.), +8864-8343838; Institute of Information Management, National Chung Cheng University, No.168, Sec. 1, University Rd., Min-Hsiung Township, Chia-yi County 621, Taiwan (R.O.C.), +8865-2720411#16850, erc94104@gmail.com

I-Chiu Chang, Department of Information Management, National Chung Cheng University, No.168, Sec. 1, University Rd., Min-Hsiung Township, Chia-yi County 621, Taiwan (R.O.C.), +8865-2720411#16850, misicc@mis.ccu.edu.tw

ABSTRACT

This study employs Technology-Organization-Environment Framework to understand the influencing factors of hospitals adoption the age-friendly information system (AFIS) in response to the 10 years long-term care plan 2.0. Both survey and qualitative in-depth interview were conducted to collect data. The results show that larger hospitals have higher possibility in adopting the AFIS. In addition, the competition between hospitals will also affect the hospital to use the AFIS. The results can be used as references for hospitals to make adoption decision of AFIS to further enhance competition of the hospitals and the quality of age-friendly health care.

Keyword : age-friendly information system, comprehensive geriatric assessment, long-term care 2.0 plan, adoption