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Significance of the conceptual utility model for pain management mobile apps: clinicians' and older adults' perspectives

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Abstract Pain management mobile apps can be an effective tool for treating chronic pain. We had proposed a conceptual utility model to evaluate the comprehensiveness of pain management mobile applications with respect to their functional requirements. This research aims to identify clinicians' and older adults' perspectives in relevance to the proposed conceptual utility model of pain self-management mobile applications. Two

rounds of focus group discussions with 16 medical doctors, and a questionnaire survey among 40 older adults were conducted to gather the relevant information. The study resulted in the older adults' specific guidelines, recommendations, and suggestions for implementing pain self-management mobile applications at the component or sub-component level of the conceptual utility model. The proposed conceptual utility model was well-accepted by both clinicians and older adults, which further validated and affirmed the significance of the proposed conceptual utility model.

Keywords

Author Keywords: Pain management; MHealth; Geriatrics; Human and health; Focus group discussion; Questionnaire survey

Keywords Plus: USABILITY; TECHNOLOGY; QUALITY; SYSTEM

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