

Scooping Review Towards Different Use of Monitoring Technology Devices in Caring with Older Adults with Cognitive Impairment: A Model for Nursing Care Management

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Abstract : With the rapid growth of the older adult population, an underlying growth of public health concern is also seen. Various technologies were developed to help mitigate the arising problems of older adults with cognitive impairment and the improvement of their cognitive functions. This scooping review used the Joanna Briggs Institute (JBI) and the PRISMA extension for scoping reviews. The eligibility criteria were defined using the Population, Concept, Context (PCC) framework, as described in the JBI's Reviewers Manual (Peters et al., 2020). The population of interest for this review is older adults 65 years old or older. Studies involving monitoring technology devices utilized in caring with older adult with cognitive impairment. This scoping review has shown information that researchers are more focused on creating alternative and novel methods or technological devices and use these as a tool for designing interventions depending on the data of the patient. This study has shown the type of technologies that have been explored in terms of assessing, detecting, monitoring, and interventions for cognitive impairment. Thus, there is a need for this technology to be applied in the practical field to further strengthen the evidence that it could enhance the lives of older adults.

Keywords : technology devices, cognitive impairment, older adult, nursing care, caring

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