

Zarit Burden Interview among Informal Caregiver of Person with Dementia: A Systematic Review and Meta-Analysis

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Abstract : Taking care of a person with dementia (PWD) is one of the most problematic and challenging caregiving situations. Without proper support, caregiver would need to deal with the impact of caregiving that would lead to caregiver burden. One of the most common tools used to measure caregiver burden among caregivers of PWD is Zarit Burden Interview (ZBI). A systematic review has been conducted through searching Medline, Science Direct, Cochrane Library, Embase, PsycINFO, ProQuest, and Scopus databases to identify relevant articles that elaborate on intervention and outcomes on ZBI among informal caregiver of PWD. The articles were searched in October 2019 with no restriction on language or publication status. Inclusion criteria are randomized control trial (RCT) studies, participants were informal caregivers of PWD, ZBI measured as outcomes, and intervention group was compared with no intervention control or usual care control. Two authors reviewed and extracted the data from the full-text articles. From a total of 344 records, nine studies were selected and included in this narrative review, and eight studies were included in the meta-analysis. The types of interventions that were implemented to ease caregiver burden are psychoeducation, physical activity, psychosocial, and computer-based intervention. The meta-analysis showed that there is a significant difference in the mean score of ZBI ($p = 0.006$) in the intervention group compared to the control group after implementation of intervention. In conclusion, interventions such as psychoeducation, psychosocial, and physical activity can help to reduce the burden experiencing by the caregivers of PWD.

Keywords : dementia, informal caregiver, randomized control trial, Zarit burden interview

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