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The effect of educational intervention programs for caregivers of patients with high-grade glioma

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Introduction: High grade glioma (HGG) is one of the most common central nervous system tumors in adults. Adults with HGG and their caregivers have significant information needs. It is rare that institutions provide educational programs for caregivers.

Aim: The aim of this review is to examine the effect of educational intervention programs for caregivers of patients with HGG.

Methods: Akdeniz University electronic databases center including MEDLINE, CINAHL, PubMed, Cochrane library were searched and published studies in English with “brain tumor, glioma, and education” key words and 106 articles were reached by the search results. By the analysis, the original three manuscripts have been sampled.

Results: In a study which was examined the effects of educational program for the caregivers of patients with HGG. According to the study, this program increase caregivers’ confidence in caregiving abilities and reduce their anxiety. Another study evaluated the feasibility and safety of brain tumor website in patients with HGG and their caregivers, it was found that caregivers were stated that they were satisfied with this program and their questions were answered quickly by specialists. In another study, supportive educational interventions for carers of patients with HGG were evaluated. According to the study, this educational intervention reduces caregiver distress, improves caregiver outcomes and reduces patient healthcare resource utilization and overall costs.

Conclusion: This systematic review showed that interventions with an educational program improve information provision and knowledge for caregivers. Besides, satisfaction with these interventions was high. This intervention programs can be increased in caregivers other cancers or neurodegenerative diseases.

Biography

Şefika Tuğba Yangöz completed her Master degree in 2013 at Süleyman Demirel University and pursuing PhD at Akdeniz University Institute of Health Sciences. She participated in many national and international congresses. She is a Research Assistant at Akdeniz University, Faculty of Nursing.

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