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Amy Campbell Hanson
University of Massachusetts Medical School

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Family Practice Based Interventions to Reduce Stress in Parents of Children with Autism

Amy Campbell Hanson, RN
University of Massachusetts Graduate School of Nursing

Abstract

Autism spectrum disorder (ASD) is a group of neurodevelopmental disorders typically diagnosed before the age of three that affect the child’s behavior, communication and social skills. Although a pediatric neuropsychologist often confirms a diagnosis of this disorder, the primary care provider is highly involved in the ongoing care of the autistic child. It is well researched that parenting a child with ASD is correlated with high levels of stress, anxiety and depression; and it is not uncommon for the parent of a child with ASD to be a patient of the family practice as well. While the current interventions for the child with ASD vary, support the child and improve the child’s quality of life, there are few programs in place beyond “support group” to address the specific mental health needs of the parents caring for a child with ASD. This research explores how a family-practice-based peer support group with rotations of primary care providers, nursing staff, occupational/physical therapists, and mental health counselors compared to standard ASD interventions alone affects the stress experienced by parents of children with autism over a one year period. A literature search of PubMed, the Cochrane library, Scopus, Eric and PsychINFO using the terms primary care, family practice, pediatric autism, autism spectrum disorder, stress, parental stress and support yielded a high number of articles that were narrowed to 15 current, relevant articles, 6 of which were kept for a literature review. The outcomes of these studies were reviewed, compared and summarized, and it was concluded that although the interventions examined in the literature varied in modality, length and setting, there was sufficient evidence to suggest that the above mentioned intervention would result in decreased stress in parents of children with ASD. Further research is needed to determine how best to determine which modes of intervention are most appropriate for specific stressful triggers.

Results

- Among parents of children aged 2-18 diagnosed with ASD, how does a family-practice-based peer support group with rotations of primary care providers, nursing staff, occupational/physical therapists, and mental health counselors compared to standard ASD intervention alone affect the stress experienced by parents of children with autism over a one year period?

- Type of Study
- Intervention
- Outcomes

- RCT
  - Parental education based treatments and positive adult psychotherapy interventions
  - Decrease in parental stress, anxiety, depression and insomnia

- QI
  - Early Interventions/Early Access
  - Increase in parental satisfaction with multidisciplinary, focused care
  - No specific results regarding parental stress

- Psychological Toll on Parents
- Stress
- Anxiety
- Depression
- Guilt
- Thoughts of death

Discussion

- Parents have individual needs in dealing with the stress of parenting a child with ASD.
- Personalization and multiple modalities of support are beneficial in reducing parental stress and increasing overall well-being in the setting of parenting a child with ASD.
- A family practice in which the parent and child are both patients of the same provider or team of providers is an ideal setting to implement a support group.
- There is sufficient evidence to suggest that a family-practice-based peer support/education group with rotations of medical providers, mental health providers and therapists may reduce stress in parents of children with ASD.
- Future research indicated in the most beneficial types of interventions and the best way to integrate this care into standard medical practice.