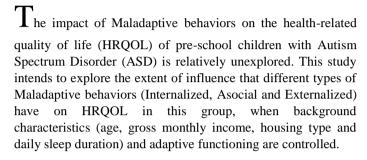


Exploring the Type of Maladaptive Behaviors with the Most Impact on Quality of Life in Preschool Children with Autism

Faith Kok

Nanyang Technological University, Singapore

Abstract



Scales of Independent Behavior-Revised (SIB-R) and background characteristic questionnaires from 99 caregivers of children with ASD seeking treatment at KK Women and Children's Hospital were collected. These were used to assess the severity of Maladaptive behaviors, the level of Adaptive functioning and a few background characteristics of these children. The relationship of these with Psychosocial and Physical HRQOL in these children is assessed with Pediatric Quality of Life Inventory (PedsQL).

Multiple Regression revealed that Maladaptive behaviors have greater impact on HRQOL than Adaptive skills and background characteristics. Asocial maladaptive behaviors have the most unique influence on HRQOL out of the three Maladaptive behaviors, suggesting difficulties in social interaction and communication manifested by children with ASD play the largest role in their HRQOL at this age. Adaptive skills have a smaller but still unique impact on HRQOL, while background characteristics are not significant.

The specific types of Asocial Maladaptive behavior and their impact of HRQOL in this age group can be further studied with ASD-specific scales like Social Responsive Scale (SRS) and Repetitive Behaviors Scale-Revised (RBS-R). More targeted behavioral intervention can be then developed to improve the quality of life amongst preschool children with ASD.





F. Kok is a Fourth Year Medical Student at Lee Kong Chian School of Medicine, National Technological University, Singapore. S.P. Yeleswarapu is a Consultant at the Department of Children Development at KK Women's and Children Hospital, Singapore. She is also an Adjunct Assistant Professor with Duke-NUS Medical School, Singapore.

Speaker Publications:

- 1. "The case for—and challenges of—faith-sensitive psychosocial programming", Intervention/ Vol 17 issue 1
- 2. "Effects of eutrophication on salt marsh root and rhizome biomass accumulation" Marine Ecology Progress Series/363:63-70
- 3. "Below- and Aboveground Spartina alterniflora Production in a Louisiana Salt Marsh", Estuaries and Coasts/ Vol 31 issue 1

<u>International Summit on Mental Disorders and Illness</u> January 16-17, 2020 Lisbon, Portugal

Abstract Citation:

Faith Kok, Exploring the Type of Maladaptive Behaviors with the Most Impact on Quality of Life in Preschool Children with Autism, Euro Mental Disorder 2020, International Summit on Mental Disorders and Illness January 16-17, 2020 Lisbon, Portugal

(https://mentaldisorders.neurologyconference.com/abst ract/2020/Exploring-the-Type-of-Maladaptive-Behaviors with-the-Most-Impact-on-Quality-of-Life-in-Preschool Children-with-Autism)