

Background

Anxiety disorders are the most common associated disorders in children with autism spectrum disorder (ASD). Without necessarily meeting the diagnostic criteria for a disorder, 80% of these children have anxious behaviors. This anxiety interferes with their quality of life (QoL). Among anxiety-provoking situations, school is one of them (e.g., change of teacher, oral presentations, exams). Besides medical and psychological interventions, new body-mind approach treatments, including yoga, are offered in a complementary way. Studies suggest that yoga appears to have the potential to ease anxiety symptoms in children with ASD.

Objective

The objective of this study is to explore the effect of yoga practice on the anxiety of children with ASD and on their QoL in a school environment.

Method

The sample is composed of 6 children with ASD (4 boys and 2 girls). The average age of this sample is 9 years old. The 8-week yoga Bali program was first adapted for children with ASD. A socio-demographic questionnaire was initially completed with one of their parents. A QoL questionnaire, the Systemic Quality of Life Inventory for Children (ISQV-E), and an anxiety questionnaire, the State Trait Anxiety Inventory for Children (STAIC), were completed with the children before the start of the yoga program and after it.

The effect of the yoga Bali Method™ on the anxiety of children with autism spectrum disorder as well as on their quality of life at school Jessica Toman, B. Sc., Nathalie Poirier, Ph.D. and Gilles Dupuis, Ph.D.

Based on Dr Bali Method™ which include : Hatha yoga postures, moments of relaxation between poses and different educational themes

YOGA

BALI-ASD

One yoga class per week during 8 weeks at the university given by a trained yoga teacher

Yoga at home : document with illustrations, recording of the relaxation and logbook are provided to participants

Method

Questionnaires

- The State Trait Anxiety Inventory for Children (STAIC) is a 20-item selfreport scale to assess the severity of anxiety in children.
- The ISQV-E assesses the QoL of children in 20 domains of life, including school and grades, by measuring the gap between the current conditions in which they live compared to the conditions in which they would like to live for all domains.



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