Critical Review: Effects of Music Therapy on the Social Skills of Children with Autism Spectrum Disorder (ASD)

Gottschalk, Kirsten and Tai, Jennifer M.Cl.Sc Speech-Language Pathology Candidates University of Western Ontario: School of Communication Sciences and Disorders

Abstract: This critical review seeks to determine the effects of music therapy on the social communication of children who are on the Autism Spectrum Disorder (ASD). Study designs include, Randomized Clinical Trials (RCT), Non-Randomized Clinical Trials, and Within-Subject Design Studies. The results from these studies suggest)-7.(c+21643578041)34060344)26003340930094093358985069366093(6043

studies were children with a diagnosis of ASD. We also selected articles that measured changes in the participants' social communication as a result of the music therapy they received. Social communication,

Thompson, McFerran, and Gold (2014)

This study investigated the impacts of familycentered music therapy (FCMT) on the social engagement abilities of children with severe ASD. In a parallel-randomized control trial, twenty-three children were randomly split up into the group that received FCMT and early intervention programs (n=12), or the group that received only the early intervention program (n=11). For 16 weeks, those in the treatment group participated in one, 30-40 minu

children with autism spectrum disorder to simple versus complex music. *Journal of Music Therapy*, 49, 430–452.

- LaGasse, B. (2014). Effects of a music therapy group intervention on enhancing social skills in children with autism. *Journal of Music Therapy*. 51(3): 250-275.
- Schwartzberg, E.D., Silvermant, M.J. (2013). Effects of music-based social stories on comprehension and generalization of social skills in children with autism spectrum disorders: A randomized effectiveness study. *The Arts in Psychotherapy*. 40(3): 331-337.
- The National Institute of Neurological Disorders and Stroke. (2019). Autism spectrum disorder fact sheet. Retrieved from: <u>https://www.ninds.nih.gov/Disorders/Patient</u> <u>-Caregiver-Education/Fact-Sheets/Autism-Spectrum-Disorder-Fact-Sheet</u>
- Thompson, G.A., McFerran, K.S. & Gold, C. (2014). Family centred music therapy to promote social engagement in young children with severe autism spectrum disorder: a randomized controlled study. *Child Care Health and Development*. 40(6): 840-852.