ABSTRACT

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Title: ARTICULATION ERRORS AMONGST CHILDREN WITH AUTISM SPECTRUM DISORDER

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Evidence shows that children with autism spectrum disorder (ASD) show an inattention to visual speech information available on their communication partners' faces. Because of this, it was hypothesized that children with ASD will present with more articulation errors, as a possible result of not receiving the information that is necessary to learn how to properly articulate certain phonemes. Our sample of participants consisted of 54 children. The ASD group consisted of 21 children and the typically developing (TD) group consisted of 33 children. There was not a significant overall difference between the percentile scores of the ASD group and the TD group on the Goldman-Fristoe Test of Articulation: Second Edition; $p(15)=.344$. The ASD group had significantly more substitutions than the TD group; $p(54)=.048$. The ASD group also had significantly more distortions than the TD group; $p(54)=.040$. Clinical implications of this study remain consistent with previous studies, which show increased articulation errors in individuals with ASD.