

Accepted Manuscript

Title: Joint Attention and Oromotor Abilities in Young Children With and Without Autism Spectrum Disorder

Authors: Jennifer C. Dalton, Elizabeth R. Crais, Shelley L. Velleman



PII: S0021-9924(17)30128-4
DOI: <http://dx.doi.org/doi:10.1016/j.jcomdis.2017.06.002>
Reference: JCD 5805

To appear in: *JCD*

Received date: 23-4-2016
Revised date: 25-5-2017
Accepted date: 7-6-2017

Please cite this article as: Dalton, Jennifer C., Crais, Elizabeth R., & Velleman, Shelley L., Joint Attention and Oromotor Abilities in Young Children With and Without Autism Spectrum Disorder. *Journal of Communication Disorders* <http://dx.doi.org/10.1016/j.jcomdis.2017.06.002>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

<AT>Joint Attention and Oromotor Abilities in Young Children With and Without Autism Spectrum Disorder

Jennifer C. Dalton^{a*} daltonjc1@appstate.edu, Elizabeth R. Crais^b bcraais@med.unc.edu, Shelley L.

Velleman^c Shelley.Velleman@uvm.edu

<AU>Author Note

<AFF>^aDepartment of Communication Sciences and Disorders, Appalachian State University, 730 Rivers Street, 124 Edwin Duncan Hall, Boone, NC 28608

<AFF>^bDivision of Speech and Hearing Sciences, The University of North Carolina at Chapel Hill, CB 7190, 3126 Bondurant Hall, Chapel Hill, NC 27599-7190,

<AFF>^cDepartment of Communication Sciences and Disorders, The University of Vermont, Pomeroy Hall, 489 Main St., Burlington, VT 05405,

<PA>*Corresponding Author: Jennifer C. Dalton, Department of Communication Sciences and Disorders, Appalachian State University, 730 Rivers Street, 124 Edwin Duncan Hall, Boone, NC 28608. Corresponding Contact: daltonjc1@appstate.edu.

<ABS-HEAD>Highlights ► Sequencing oromotor movements is correlated with joint attention in children with ASD. ► Multi-modal speech cues increased oromotor imitation performance in young children. ► Some verbal preschool children with ASD exhibit oromotor imitation deficits.

<ABS-HEAD>Abstract

<ABS-P><ST>Purpose</ST> This study examined the relationship between joint attention ability and oromotor imitation skill in three groups of young children with and without Autism Spectrum Disorder using both nonverbal oral and verbal motor imitation tasks. Research questions addressed a) differences among joint attention and oromotor imitation abilities; b) the relationship between independently measured joint attention and oromotor imitation, both nonverbal oral and verbal motor; c) the relationships between joint attention and verbal motor imitation during interpersonal interaction; and d) the relationship between the sensory input demands (auditory, visual, and tactile) and oromotor imitation, both nonverbal oral and verbal motor.

<ABS-P><ST>Method</ST> A descriptive, nonexperimental design was used to compare joint attention and oromotor skills of 10 preschool-aged children with ASD, with those of two control groups: 6 typically developing children (TD), and 6 children with suspected Childhood Apraxia of Speech (sCAS) or apraxic-like symptoms. All children had at least a 3.0 mean length utterance.

<ABS-P><ST>Results</ST> Children with ASD had poorer joint attention skills overall than children with sCAS or typically developing children. Typically developing children demonstrated higher verbal motor imitation skills overall compared to children with sCAS.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات