Previous studies (demo	onstrate)	that both
visual and propriocept	ive feedback (influence)	motor
control. The relative contributions of these sensory modalities to the on-line		
computation of body position-that is, the body schema-		
(remain)	unclear. We (report)	a study
designed to explore the roles of vision and proprioception in motor planning		
. The task (require)	subjects to judg	e if a pictured
stimulus (be)	a right or left hand; stimuli	
(include)	pictures of a right or left hand in a	palm up or palm
down position and in six different angular rotations (0 degrees , 60 degrees ,		
120 degrees , 180 degrees , 240 degrees , 300 degrees). Each subject		
(test)	_ with his/her right hand palm down a	and palm up. 1

There (be) three conditions: a "control" condition (real hand in view), a "fake hand" condition (fake hand in view, real hand out of view), and a "proprioception" condition (no fake hand, real hand out of view). We (find) that proprioceptive input (that is, the subject's "felt position") (have)______a significant influence on mental rotation whereas the visually perceived posture of the hand did not. We (suggest) that, at least under some circumstances, proprioceptive inflow (represent)______ the dominant sensory

input to the on-line representation of the body in space

Exercise A: Change the following passive sentences to active
1.The plane was flown by an experienced pilot.
2.The flowers were picked by the children.
3.The car was crashed by me.
4.The new law has been passed by the politicians.
5.The apartment was cleaned by Christopher.
6.The oil spill was caused by negligence.

Exercise B: Change the following active sentences to passive

1.We conducted the experiment in a controlled environment.

2.Heather filed the lawsuit in August.

3.I wrote the book three years ago.

4.I have marked the essays.

5.Omar picked the children up from school.

6.Jane stacked the boxes in the front room.



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EW0319 Handedness in children with autism spectrum disorders

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Children with <u>autism spectrum disorders</u> (ASD) (have) a less definitive hand preference for certain actions as opposed to neurotypical children. Moreover, left-handedness in children with ASD (associate) with more <u>echolalia</u>. The objective (be) to conduct a screening of potential risk and associated features for autism spectrum disorders, among which the hand preference of the child. The current aim (be) to compare the perceived handedness of children with autism spectrum disorders with that of children with other psychiatric pathologies.

Methods

Eight hundred and forty-two parents (complete) our risk and associated features screening questionnaire. Out of these, 494 (answer) the question regarding handedness (209 (have) children diagnosed with ASD). This (ask) the parents to state how they (perceive) their child's handedness. An ADOS assessment (conduct) for 170 of the children whose parents (include) in the study, based on clinical relevance for the case. The data (analyse) using Excel and SPSS 22.0. For the comparisons, Chi² and the Kruskal–Wallis test (use).

Results

Children with ASD (have) more left-handedness ($\chi^2(2) = 12.54$, P = 0.002). There (be) no differences between boys and girls in terms of perceived handedness in any of the groups. There (be) no differences in the ADOS scores according to the perceived hand laterality ($\chi^2(2) = 0.58$, P = 0.74).

Conclusion

Rightward-asymmetry in regions of corpus callosum (report) to correlate with symptoms severity in ASD. The finding of different perceived handedness in children with ASD versus children with other psychiatric pathologies (be) useful for designing appropriate, individualized training programs for motor therapy.

Handedness in Children With Autism Spectrum Disorder March 2016 · Perceptual and Motor Skills 122(2) DOI: 10.1177/0031512516637021

Abstract

The left hemisphere (be) usually predominant in manual skills and language, suggesting a link between hand dominance and language. Studies of autism spectrum disorder (show) atypical handedness; however, few (examine) language-handedness associations. Handedness, assessed by task performance, and standardized receptive and expressive language tests (complete) in 110 autism spectrum disorder children (96 boys; M age ¼ 8.3 years, SD ¼ 3.8) and 45 typically developing children (37 boys; M age ¼ 8.6 years, SD ¼4.3), 3 to 17 years of age. The autism spectrum disorder group (have) a lower handedness score (be less strongly lateralized) than the control group. In the autism spectrum disorder group, there (be)a small effect of handedness on language; right-handers (have) better language than non-right-handers. Results (suggest) poorer language prognosis (associate) with left- or mixed-handedness in autism spectrum disorder.

Find tenses, aspects, modalities, linking words, pronouns Introduction section

(12) Handedness in Children With Autism Spectrum Disorder | Request PDF. Available from: https://www.researchgate.net/publication/298733743_Handedness_in_Children_With_Autism_Spe ctrum_Disorder [accessed Sep 22 2018].

Researchers have located several brain abnormalities in individuals autism;, the reasons for these abnormalities is not known nor is the influence they have <u>.....</u> behavior. These abnormalities can be classified <u>.....</u> two types dysfunctions in the neural structure of the brain and abnormal biochemistry of the brain. It will be important for future researchersexamine the relationship these two types of abnormalities. Drs. Bauman and Kemper examined post-mortem brains of several autistic individuals and have located two areas in the limbic system are underdeveloped--the amygdala and the hippocampus. These two areas are responsible <u>......</u>emotions, aggression, sensory input, and learning. These researchers also found a deficiency of Purkinje cells the cerebellum. Using MRI, Dr. Courchesne has found two areas in the cerebellum, vermal lobules VI and VII, <u>......</u> are significantly smaller <u>.....</u> normal in autistic individuals. Interestingly, there are some autistic individuals vermal lobules VI and VII are largernormal.