Accepted Manuscript

Title: White matter tractography of the neural network for speech-motor control in children who stutter

Authors: Ehsan Misaghi, Zhaoran Zhang, Vincent L. Gracco,

Luc F. De Nil, Deryk S. Beal

PII: S0304-3940(18)30009-0

DOI: https://doi.org/10.1016/j.neulet.2018.01.009

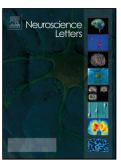
Reference: NSL 33343

To appear in: Neuroscience Letters

Received date: 22-9-2017 Revised date: 15-12-2017 Accepted date: 4-1-2018

Please cite this article as: Ehsan Misaghi, Zhaoran Zhang, Vincent L.Gracco, Luc F.De Nil, Deryk S.Beal, White matter tractography of the neural network for speech-motor control in children who stutter, Neuroscience Letters https://doi.org/10.1016/j.neulet.2018.01.009

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.



ACCEPTED MANUSCRIPT

White matter tractography of the neural network for speech-motor control in children who stutter

Ehsan Misaghi^{a,b}, Zhaoran Zhang^c, Vincent L. Gracco^{d,e}, Luc F. De Nilf and Deryk S. Beal^{f,g}

Corresponding author: Deryk S. Beal, Ph.D.

Bloorview Research Institute

Holland Bloorview Kids Rehabilitation Hospital

150 Kilgour Road

Toronto, ON, Canada M4G 1R8 Email: dbeal@hollandbloorview.ca

Tel: 416-425-6220 x3582

Highlights

- Seven white matter tracts were assessed using diffusion tensor tractography.
- CWS had higher FA and AD in the right relative to the left FAT.

^a Neuroscience and Mental Health Institute (NMHI), Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada

^b Department of Communication Sciences and Disorders, and Institute for Stuttering Treatment and Research, Faculty of Rehabilitation Medicine, University of Alberta, Edmonton, AB, Canada

^c College of Life Sciences, Sichuan University, Chengdu, Sichuan, China

^d School of Communication Sciences and Disorders, McGill University, Montreal, QC, Canada

^e Haskins Laboratories, New Haven, CN, USA

^f Department of Speech-Language Pathology, Faculty of Medicine, University of Toronto, Toronto, ON, Canada

^g Bloorview Research Institute, Holland Bloorview Kids Rehabilitation Hospital, Toronto, ON, Canada

دريافت فورى ب

ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
 - ✓ امكان دانلود نسخه ترجمه شده مقالات
 - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 - ✓ امكان دانلود رايگان 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