

## Accepted Manuscript

Age related diffusion and tractography changes in typically developing pediatric cervical and thoracic spinal cord

Mahdi Alizadeh, Joshua Fisher, Sona Saksena, Yusra Sultan, Chris J. Conklin, Devon M. Middleton, Laura Krisa, Jürgen Finsterbusch, Adam E. Flanders, Scott H. Faro, M.J. Mulcahey, Feroze B. Mohamed



PII: S2213-1582(18)30084-6  
DOI: doi:[10.1016/j.nicl.2018.03.014](https://doi.org/10.1016/j.nicl.2018.03.014)  
Reference: YNICL 1336  
To appear in: *NeuroImage: Clinical*  
Received date: 24 May 2017  
Revised date: 2 March 2018  
Accepted date: 14 March 2018

Please cite this article as: Mahdi Alizadeh, Joshua Fisher, Sona Saksena, Yusra Sultan, Chris J. Conklin, Devon M. Middleton, Laura Krisa, Jürgen Finsterbusch, Adam E. Flanders, Scott H. Faro, M.J. Mulcahey, Feroze B. Mohamed , Age related diffusion and tractography changes in typically developing pediatric cervical and thoracic spinal cord. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynicl(2017), doi:[10.1016/j.nicl.2018.03.014](https://doi.org/10.1016/j.nicl.2018.03.014)

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.

## Age Related Diffusion and Tractography Changes in Typically Developing Pediatric Cervical and Thoracic Spinal Cord

Mahdi Alizadeh<sup>1,2</sup>, Joshua Fisher<sup>2</sup>, Sona Saksena<sup>2</sup>, Yusra Sultan<sup>3</sup>, Chris J. Conklin<sup>2</sup>, Devon M. Middleton<sup>2</sup>, Laura Krisa<sup>4</sup>, Jürgen Finsterbusch<sup>5</sup>, Adam E Flanders<sup>2</sup>, Scott H. Faro<sup>6</sup>, M. J. Mulcahey<sup>4</sup>, Feroze B. Mohamed<sup>2</sup>

<sup>1</sup>Department of Neurosurgery, Thomas Jefferson University, Philadelphia, PA.

<sup>2</sup>Jefferson Integrated Magnetic Resonance Imaging Center, Department of Radiology, Thomas Jefferson University, Philadelphia, PA.

<sup>3</sup>Department of Biology, Drexel University, Philadelphia, PA.

<sup>4</sup>Department of Occupational Therapy, Thomas Jefferson University, Philadelphia, PA.

<sup>5</sup>Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.

<sup>6</sup>Department of Radiology, Johns Hopkins University, Baltimore, MD.

### Address for Correspondence:

Feroze B. Mohamed, PhD.

909 Walnut Street, Jefferson Integrated Magnetic Resonance Imaging Center, Department of Radiology, Thomas Jefferson University, Philadelphia, PA 19107

Tel: 2159553405, E-mail: feroze.mohamed@jefferson.edu

Download English Version:

<https://daneshyari.com/en/article/8688051>

Download Persian Version:

<https://daneshyari.com/article/8688051>

[Daneshyari.com](https://daneshyari.com)