

# Accepted Manuscript

Altered functional network connectivity relates to motor development in children born very preterm

M.D. Wheelock, N.C. Austin, S. Bora, A.T. Eggebrecht, T.R. Melzer, L.J. Woodward, C.D. Smyser



PII: S1053-8119(18)30749-3

DOI: [10.1016/j.neuroimage.2018.08.051](https://doi.org/10.1016/j.neuroimage.2018.08.051)

Reference: YNIMG 15212

To appear in: *NeuroImage*

Received Date: 17 May 2018

Revised Date: 10 August 2018

Accepted Date: 21 August 2018

Please cite this article as: Wheelock, M.D., Austin, N.C., Bora, S., Eggebrecht, A.T., Melzer, T.R., Woodward, L.J., Smyser, C.D., Altered functional network connectivity relates to motor development in children born very preterm, *NeuroImage* (2018), doi: 10.1016/j.neuroimage.2018.08.051.

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.

Altered functional network connectivity relates to motor development in children born very preterm

Wheelock M.D.<sup>1</sup>, Austin N.C.<sup>2</sup>, Bora S.<sup>3</sup>, Eggebrecht A.T.<sup>4</sup>, Melzer T.R.<sup>5</sup>, Woodward L.J.<sup>6</sup>, and Smyser C.D.<sup>4,7,8</sup>

<sup>1</sup>Department of Psychiatry, Washington University in St. Louis, St. Louis, United States

<sup>2</sup>Department of Pediatrics, University of Otago Christchurch, New Zealand

<sup>3</sup>Mothers, Babies and Women's Health Program, Mater Research Institute, The University of Queensland, South Brisbane, Australia

<sup>4</sup>Department of Radiology, Washington University in St. Louis, St. Louis, United States

<sup>5</sup>Department of Medicine, University of Otago, & New Zealand Brain Research Institute, Christchurch, New Zealand

<sup>6</sup>Department of Pediatric Newborn Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, United States

<sup>7</sup>Department of Neurology, Washington University in St. Louis, St. Louis, United States

<sup>8</sup>Department of Pediatrics, Washington University in St. Louis, St. Louis, United States

**Corresponding Author's Contact:**

Christopher D. Smyser, M.D., M.S.C.I.

Departments of Neurology, Pediatrics and Radiology

Washington University School of Medicine

660 South Euclid Avenue

Campus Box 8111

St. Louis, MO 63110

smyserc@wustl.edu

Download English Version:

<https://daneshyari.com/en/article/9990835>

Download Persian Version:

<https://daneshyari.com/article/9990835>

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