

Accepted Manuscript

Role of EEG background activity, seizure burden and MRI in predicting neurodevelopmental outcome in full-term infants with hypoxic-ischaemic encephalopathy in the era of therapeutic hypothermia

Lauren C. Weeke, Geraldine B. Boylan, Ronit M. Pressler, Boubou Hallberg, Mats Blennow, Mona C. Toet, Floris Groenendaal, Linda S. de Vries

PII: S1090-3798(16)30086-1

DOI: [10.1016/j.ejpn.2016.06.003](https://doi.org/10.1016/j.ejpn.2016.06.003)

Reference: YEJPN 2079

To appear in: *European Journal of Paediatric Neurology*

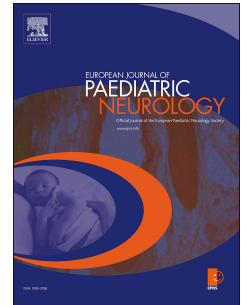
Received Date: 26 October 2015

Revised Date: 4 May 2016

Accepted Date: 11 June 2016

Please cite this article as: Weeke LC, Boylan GB, Pressler RM, Hallberg B, Blennow M, Toet MC, Groenendaal F, de Vries LS, for the NEonatal seizure treatment with Medication Off -patent (NEMO)consortium, Role of EEG background activity, seizure burden and MRI in predicting neurodevelopmental outcome in full-term infants with hypoxic-ischaemic encephalopathy in the era of therapeutic hypothermia, *European Journal of Paediatric Neurology* (2016), doi: 10.1016/j.ejpn.2016.06.003.

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.



Role of EEG background activity, seizure burden and MRI in predicting neurodevelopmental outcome in full-term infants with hypoxic-ischaemic encephalopathy in the era of therapeutic hypothermia.

Lauren C Weeke^a, Geraldine B Boylan^b, Ronit M Pressler^c, Boubou Hallberg^d, Mats Blennow^d, Mona C Toet^a, Floris Groenendaal^a, Linda S de Vries^a *for the NEonatal seizure treatment with Medication Off-patent (NEMO)consortium*

- a) Department of Neonatology, Wilhelmina Children's Hospital, University Medical Centre Utrecht, PO Box 85090, 3508 AB Utrecht, Netherlands.
- b) Irish Centre for Fetal and Neonatal Translational Research, University College Cork, Wilton, co. Cork, Ireland.
- c) Clinical Neurosciences, UCL-Institute of Child Health, 30 Guilford Street, London WC1N 1EH, UK.
- d) Department of Neonatology, Karolinska University Hospital, SE-171 77 Stockholm, Sweden.

Running title: EEG, MRI and neurodevelopmental outcome in HIE

Word count manuscript body: 3761

Word count abstract: 226

Address correspondence to:

Linda S. de Vries,
Department of Neonatology
KE.04.123.1,
PO Box 85090,
3508 AB Utrecht,
The Netherlands,
Telephone: +31 (0)88 7554545,
Fax: +31 (0)88 7555320,
Email: l.s.devries@umcutrecht.nl

Download English Version:

<https://daneshyari.com/en/article/8684495>

Download Persian Version:

<https://daneshyari.com/article/8684495>

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