

Accepted Manuscript

Title: Pain Sensitivity and Thermal Detection Thresholds in Young Adults Born Preterm with Very Low Birth Weight or Small for Gestational Age at Term Compared to Controls.

Author: Johanne Marie Iversen, Martin Uglem, Marit Sæbø Indredavik, Pål Richard Romundstad, Kristian Bernhard Nilsen, Trond Sand, Marite Rygg

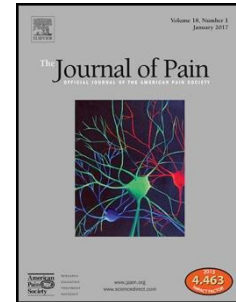
PII: S1526-5900(18)30106-8
DOI: <https://doi.org/10.1016/j.jpain.2018.03.001>
Reference: YJPAI 3546

To appear in: *The Journal of Pain*

Received date: 1-11-2017
Revised date: 10-1-2018
Accepted date: 1-3-2018

Please cite this article as: Johanne Marie Iversen, Martin Uglem, Marit Sæbø Indredavik, Pål Richard Romundstad, Kristian Bernhard Nilsen, Trond Sand, Marite Rygg, Pain Sensitivity and Thermal Detection Thresholds in Young Adults Born Preterm with Very Low Birth Weight or Small for Gestational Age at Term Compared to Controls., *The Journal of Pain* (2018), <https://doi.org/10.1016/j.jpain.2018.03.001>.

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.



Pain sensitivity and thermal detection thresholds in young adults born preterm with very low birth weight or small for gestational age at term compared to controls.

Running title: Pain sensitivity in low birth weight adults

Johanne Marie Iversen MD¹, Martin Uglem MD², Marit Sæbø Indredavik MD PhD^{3,4}, Pål Richard Romundstad PhD⁵, Kristian Bernhard Nilsen MD PhD^{2,6,7}, Trond Sand MD PhD^{2,8} and Marite Rygg MD PhD^{1,9}

¹Department of Clinical and Molecular Medicine, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, Trondheim, Norway

²Department of Neuromedicine and Movement Science, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, Trondheim, Norway

³Department of Mental Health, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, Trondheim, Norway

⁴Department of Children and Youth, Mental Health Care, St. Olavs Hospital, Trondheim University Hospital, Norway

⁵Department of Public Health and Nursing, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, NTNU, Trondheim, Norway

⁶Department of Neurology, Oslo University Hospital, Oslo, Norway

⁷National Institute of Occupational Health, Department of Work Psychology and Physiology, Oslo, Norway

⁸Department of Neurology and Clinical Neurophysiology, St. Olavs Hospital, Trondheim University Hospital, Norway

⁹Department of Pediatrics, St. Olavs Hospital, Trondheim University Hospital, Norway

Corresponding author

Johanne Marie Iversen
Department of Clinical and Molecular Medicine, Norwegian University of Science and Technology
P.O. Box 8905, Medisinsk-Teknisk Forskningscenter, 7491 Trondheim, Norway
Telephone: 0047 971 91 380. Email: johanne.m.iversen@ntnu.no / johannemi@gmail.com

Disclosures

All authors declare that there are no financial or other relationships that might lead to a conflict of interest. The present study was funded by the Liaison Committee between Trondheim University Hospital and the Norwegian University of Science and Technology. The control and term small for gestational age study groups originate from a multicenter study sponsored by the US National Institute of Child Health and Human Development, NIH (NICHD contract No. 1-HD-4-2803 and No. 1-HD-1-3127). The Norwegian University of Science and Technology funded the PhD Candidate. The test equipment was provided by NeXt Move, Norwegian University of Science and Technology. NeXt Move is funded by the Faculty of Medicine and Health Sciences at the Norwegian University of Science and Technology and the Central Norway Regional Health Authority.

Download English Version:

<https://daneshyari.com/en/article/8604971>

Download Persian Version:

<https://daneshyari.com/article/8604971>

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