Accepted Manuscript

Title: CSF sodium at toxic levels precedes delirium in hip fracture patients

Authors: Bjørnar Hassel, Espen Mariussen, Ane-Victoria Idland, Gry T. Dahl, Johan Ræder, Frede Frihagen, Jens Petter Berg, Farrukh A. Chaudhry, Torgeir B. Wyller, Leiv O. Watne

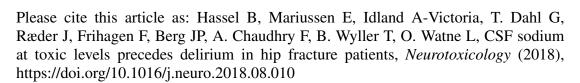
PII: S0161-813X(18)30338-3

DOI: https://doi.org/10.1016/j.neuro.2018.08.010

Reference: NEUTOX 2389

To appear in: *NEUTOX*

Received date: 27-3-2018 Revised date: 20-8-2018 Accepted date: 21-8-2018



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

CSF sodium at toxic levels precedes delirium in hip fracture patients

Bjørnar Hassel,^{1,2} Espen Mariussen,^{2,3} Ane-Victoria Idland,^{4,5} Gry T. Dahl,⁶ Johan Ræder,^{5,7} Frede Frihagen,⁸ Jens Petter Berg,⁹ Farrukh A. Chaudhry,¹⁰ Torgeir B. Wyller,^{4,5} Leiv O. Watne^{4,10}

¹: Department of Neurohabilitation and Complex Neurology, Oslo University Hospital, University of Oslo, Oslo, Norway

²: Norwegian Defence Research Establishment (FFI), Kjeller, Norway

^{3:} Norwegian Institute for Air Research (NILU), Kjeller, Norway

⁴: Oslo Delirium Research Group, Department of Geriatric Medicine, Oslo University Hospital, Oslo, Norway

⁵: Institute of Clinical Medicine, University of Oslo, Oslo, Norway

⁶: Department of Anesthesiology, Diakonhjemmet Hospital, Oslo, Norway

⁷: Department of Anesthesiology, Oslo University Hospital, Oslo, Norway

^{8:} Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway

^{9:} Department of Medical Biochemistry, Oslo University Hospital, Oslo, Norway

¹⁰: Institute of Basic Medical Sciences, University of Oslo, Oslo, Norway

Download English Version:

https://daneshyari.com/en/article/8956576

Download Persian Version:

https://daneshyari.com/article/8956576

<u>Daneshyari.com</u>