## Accepted Manuscript

Hypokalemia in acute medical patients: risk factors and prognosis

Helene Kildegaard Jensen, BSc.Med. Mikkel Brabrand, MD, PhD Pernille Just Vinholt, MD Jesper Hallas, MD, Professor, DMSci Annmarie Touborg Lassen, MD, Professor, DMSci

PII: S0002-9343(14)00660-3

DOI: 10.1016/j.amjmed.2014.07.022

Reference: AJM 12623

To appear in: The American Journal of Medicine

Received Date: 23 February 2014

Revised Date: 10 June 2014

Accepted Date: 18 July 2014

Please cite this article as: Jensen HK, Brabrand M, Vinholt PJ, Hallas J, Lassen AT, Hypokalemia in acute medical patients: risk factors and prognosis, *The American Journal of Medicine* (2014), doi: 10.1016/j.amjmed.2014.07.022.

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.



## Hypokalemia in acute medical patients: risk factors and prognosis

Helene Kildegaard Jensen, BSc.Med.<sup>a\*</sup>; Mikkel Brabrand, MD, PhD<sup>b</sup>; Pernille Just Vinholt, MD<sup>c</sup>;

Jesper Hallas, MD, Professor, DMSci<sup>d</sup>; Annmarie Touborg Lassen, MD, Professor, DMSci<sup>a</sup>

a: Department of Emergency Medicine, Odense University Hospital, Denmark

b: Department of Medicine, Sydvestjysk Sygehus Esbjerg, Denmark

c: Department of Clinical Biochemistry and Pharmacology, Odense University Hospital, Denmark

d: Clinical Pharmacology, Institute of Public Health, University of Southern Denmark, Denmark

## \*Corresponding author information:

Helene Kildegaard Jensen, clinical research assistant, Department of Emergency Medicine, Odense University Hospital, Sdr. Boulevard 29, entrance 130, 1<sup>st</sup> floor, DK5000 Odense C, Denmark. <u>Helene.Jensen@rsyd.dk</u>; telephone: +45 29 27 01 72; fax +45 65 41 15 71

**Funding:** The study was funded by an independent grant from The Research Foundation of Odense University Hospital. The Research Foundation had no role in the conception, design or conduct of the study; management, analysis, or interpretation of the data; or the preparation, review, or approval of the manuscript.

**Conflicts of interest / financial disclosures:** HKJ, MB and PJV declare no conflicts of interest. ATL is supported by an unrestricted grant from the private philanthropic fund TrygFonden given to the University of Southern Denmark. JH has participated in research projects funded by Novartis, Pfizer, Menarini, MSD, Nycomed, and Astellas with grants paid to the institution where he was employed. He has personally received fees for teaching or consulting from the Danish Association of Pharmaceutical Manufacturers and from Nycomed, Pfizer, Novartis, Astra Zeneca, Lundbeck, Menarini, Leo Pharmaceuticals and Ferring.

Author contributions: HKJ conceived and designed the study, analyzed, and interpreted the data, and wrote the report. ATL, MB, JH and PJV conceived and designed the study and assisted with analysis, interpretation of the data and writing of the report. All authors have had access to the data and have approved the final version of the manuscript.

Article type: Original clinical research article

Key words: hypokalemia; potassium; electrolytes; mortality; hospitalization; comorbidity; diuretics; medications

Manuscript word count: 2828

Download English Version:

https://daneshyari.com/en/article/5875807

Download Persian Version:

https://daneshyari.com/article/5875807

Daneshyari.com