Accepted Manuscript

Serum anion gap predicts lactate poorly, but may be used to identify sepsis patients at risk for death: A cohort study

Nicholas M. Mohr, J. Priyanka Vakkalanka, Brett A. Faine, Brian Skow, Karisa K. Harland, Ryan Dick-Perez, Brian M. Fuller, Azeemuddin Ahmed, Steven Q. Simson

PII: S0883-9441(17)31117-6

DOI: doi:10.1016/j.jcrc.2017.10.043

Reference: YJCRC 52755

To appear in:



Please cite this article as: Nicholas M. Mohr, J. Priyanka Vakkalanka, Brett A. Faine, Brian Skow, Karisa K. Harland, Ryan Dick-Perez, Brian M. Fuller, Azeemuddin Ahmed, Steven Q. Simson, Serum anion gap predicts lactate poorly, but may be used to identify sepsis patients at risk for death: A cohort study. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Yjcrc(2017), doi:10.1016/j.jcrc.2017.10.043

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

TITLE: SERUM ANION GAP PREDICTS LACTATE POORLY, BUT MAY BE USED TO IDENTIFY

SEPSIS PATIENTS AT RISK FOR DEATH: A COHORT STUDY

Authors: Nicholas M. Mohr, MD, MS^{1,2}, J. Priyanka Vakkalanka, ScM^{1,3}, Brett A. Faine, PharmD, MS, ^{1,4} Brian Skow, MD⁵, Karisa K. Harland, PhD, MPH¹, Ryan Dick-Perez, DO², Brian M. Fuller, MD, MSCI⁶, Azeemuddin Ahmed, MD, MBA¹, Steven Q. Simson, MD⁷

Affiliations: ¹Department of Emergency Medicine, University of Iowa College of Medicine, Iowa City, Iowa, US; ²Division of Critical Care, Department of Anesthesia, University of Iowa Carver College of Medicine, Iowa City, Iowa, US; ³Department of Epidemiology, University of Iowa College of Public Health, Iowa City, Iowa, US; ⁴University of Iowa College of Pharmacy, Iowa City, Iowa, US; ⁵Avera eCARE, Sioux Falls, South Dakota, US; ⁶ Departments of Emergency Medicine and Anesthesiology, Division of Critical Care, Washington University School of Medicine, St. Louis, MO; ⁷Division of Pulmonary Disease and Critical Care Medicine, University of Kansas Medical Center, Kansas City, KS

Correspondence: Nicholas M. Mohr, MD, MS; University of Iowa Carver College of Medicine; 200 Hawkins Dr., 1008 RCP; Iowa City, IA, 52242; Tel: 319-353-6360, Fax: 319-353-7006; Email: nicholas-mohr@uiowa.edu.

Funding: This study was funded by the Rural Telehealth Research Center, funded by the Federal Office of Rural Health Policy, Health Resources and Services Administration, U.S. Department of Health and Human Services (cooperative agreement 6 U1CRH29074-01).

Conflicts of interest: None

Word count: 3,017

Author contributions: NMM, BF, KKH, and AA designed the study. BAF, BF, RDP, SQS, and BS provided expertise in the interpretation of the data. NMM, KKH, BF, and JPV was responsible for managing the data and provided oversight of statistical analyses. NMM, JPV, and KKH had full access to the data set and analyzed the data. NMM and JPV drafted the manuscript, and all authors contributed substantially to its revision. NMM takes responsibility for the paper as a whole.

Download English Version:

https://daneshyari.com/en/article/8620418

Download Persian Version:

https://daneshyari.com/article/8620418

<u>Daneshyari.com</u>