

Accepted Manuscript

Comparative research on the prognostic ability of improved early warning and APACHE II evaluation for hospitalized patients in the emergency department

Yan-Mei Wang, Ting-Ting Wei, Ming Hou, Li Zhang, Aziguli maimaiti, Ping Li



PII: S2095-7718(17)30012-9

DOI: [10.1016/j.cnre.2017.03.009](https://doi.org/10.1016/j.cnre.2017.03.009)

Reference: CNR 84

To appear in: *Chinese Nursing Research*

Received Date: 27 September 2016

Revised Date: 3 November 2016

Accepted Date: 23 December 2016

Please cite this article as: Wang YM, Wei TT, Hou M, Zhang L, maimaiti A, Li P, Comparative research on the prognostic ability of improved early warning and APACHE II evaluation for hospitalized patients in the emergency department, *Chinese Nursing Research* (2017), doi: 10.1016/j.cnre.2017.03.009.

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.

*Corresponding author.

E-mail address: 1483746409@qq.com (P. Li).

Peer review under the responsibility of Shanxi Medical Periodical Press.

Cited information: Wang YM, Wei TT, Hou M, Zhang L, Aziguli M, Li P. Comparative research on the prognostic ability of improved early warning and APACHE II evaluation for hospitalized patients in the emergency department. Chin Nurs Res. 2017; 1: xx-xx.

Original article

Comparative research on the prognostic ability of improved early warning and APACHE II evaluation for hospitalized patients in the emergency department

Yan-Mei Wang^a, Ting-Ting Wei^a, Ming Hou^b, Li Zhang^b, Aziguli-maimaiti^b, Ping Li^{*}

^a *Nursing Department, Shanghai Pudong New Area Gongli Hospital, Shanghai 200135, China*

^b *Nursing Department, The Xinjiang Uygur Autonomous Region People's Hospital, Urumchi 830001, China*

ARTICLE INFO

Article history:

Received 27 September 2016

Received in revised form 3 November 2016

Accepted 23 December 2016

Published 20 March 2017

Keyword:

MEWS

APACHE II

Prognosis

Predictive ability

Area under ROC curve

Emergency patients

ABSTRACT

Objective: To compare the feasibility and applicability of predicting the prognosis of patients using the Early Warning Score (MEWS) system and the Acute Physiology and Chronic Health Evaluation (APACHE II) system in the Emergency Department.

Methods: Using a prospective study method, the APACHE II and MEWS data for 640 patients hospitalized in the Emergency Internal Medicine Department were collected. The prognoses, two scores to predict the corresponding prediction index of sensitivity, specificity and positive predictive value for the prognosis, the negative predictive value and the ROC curve for predicting the prognosis were analyzed for all patients.

Download English Version:

<https://daneshyari.com/en/article/8568147>

Download Persian Version:

<https://daneshyari.com/article/8568147>

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