

2nd International Conference on

General Practice & Primary Care

September 18-20, 2017 | Zurich, Switzerland

Adaptation and validation of a hospitalized pediatric patients fall risk assessment instrument

Judith Barrientos Sanchez¹, Alicia Hernández Cantoral¹ and Margarita Hernández Zavala¹¹National Institute of Pediatrics, Mexico

Introduction: A significant number of patients who attend health institutions have a risk of fall anytime during their hospitalization. Taking care of these patients requires diverse interventions and clinical assessments.

Objective: To adapt and validate a hospitalized pediatric patient fall risk assessment instrument.

Methods: The J. H. Downton instrument was adapted and validated. Specificity and sensibility tests, negative and positive predictive value, and Kuder-Richardson (KR) and ROC curve analysis internal consistency were all assessed using the SPSS® v. 15 and Epidat® 3.1 statistics programs.

Results: KR internal consistency of 0.92, specificity of 99.4, PP of 99.56, and PN of 81.52 with a confidence interval of 95% were obtained.

Conclusions: Validated scales such as the St. Thomas have good sensibility and specificity values (93% and 88%), but this scale is adapted for elder patients. The validated scale of this study had better sensibility and specificity values than two other hospitalized pediatric population scales: the Humpty Dumpty and the CHAMPS, suggesting that the modified H. Downton scale is highly sensible and specific to predict hospitalized pediatric patient fall risks.

Biography

Judith Barrientos Sanchez has her experience in evaluation and passion for improving the health and well-being of the pediatric patient. She worked as a pediatric nurse in the clinical area for 20 years. She studied master's degree and is currently co-ordinator of research in the area of management, clinic, and managed care. She is in charge of the development projects of students of nursing, as well as professionals interested in developing derivative works of the needs of the practice. She works in conjunction with the network of ENEO-UNAM research institutions and national institutes of health, pediatric research network and international network of nursing in child health, developing projects that improve care through evidence.

judithbs@live.com

Notes: