

Ergonomics >  
Volume 55, 2012 - Issue 11

953 Views | 16 CrossRef citations to date | 0 Altmetric

Articles

# Identification of factors that affect the adoption of an ergonomic intervention among Emergency Medical Service workers

Monica R. Weiler, Steven A. Lavender , J. Mac Crawford, Paul A. Reichelt, Karen M. Conrad & Michael W. Browne

Pages 1362-1372 | Received 24 Feb 2012, Accepted 13 Jul 2012, Published online: 28 Aug 2012

 Cite this article  <https://doi.org/10.1080/00140139.2012.714474>

 Sample our Computer Science journals, sign in here to start your access, latest two full volumes FREE to you for 14 days


 Full Article  Figures & data  References  Citations  Metrics

 Reprints & Permissions  Read this article  Share

## We Care About Your Privacy

We and our 878 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting I Accept enables tracking technologies to support the purposes shown under we and our partners process data to provide. Selecting Reject All or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the Show Purposes link on the bottom of the webpage. Your choices will have effect within our Website. For more details, refer to our Privacy Policy. [Here](#)

We and our partners process data to provide:  
Use precise geolocation data. Actively scan device

 I Accept among  
Reject All kers  
Show Purpose gitudinal  
slide-board)  
surveys  
actors  
vantage'  
g 'intention  
stepwise  
ergonomics  
dicted by:  
e to key  
ential to



Practitioner Summary. This study explored factors that potentially facilitate the adoption of voluntarily used ergonomics interventions. EMS workers were provided with foldable transfer-boards (slideboards) designed to reduce the physical demands when laterally transferring patients. Factors predictive of adoption measures included perceived ergonomics advantage, the endorsement by champions, and prior tool experience.

Keywords: [intervention adoption](#) [ergonomics intervention](#) [injury prevention](#) [EMS](#) [firefighter](#)

## Acknowledgement

This study was supported by National Institute of Occupational Safety and Health (NIOSH) grant 1R21 OH009378-01A1.

### Related Research Data

[The Health Belief Model and Sick Role Behavior](#)

Source: SAGE Publications

[Job D](#)

Source

Affec

Source

Existi

EMS I

Source

De

S

Interv

review

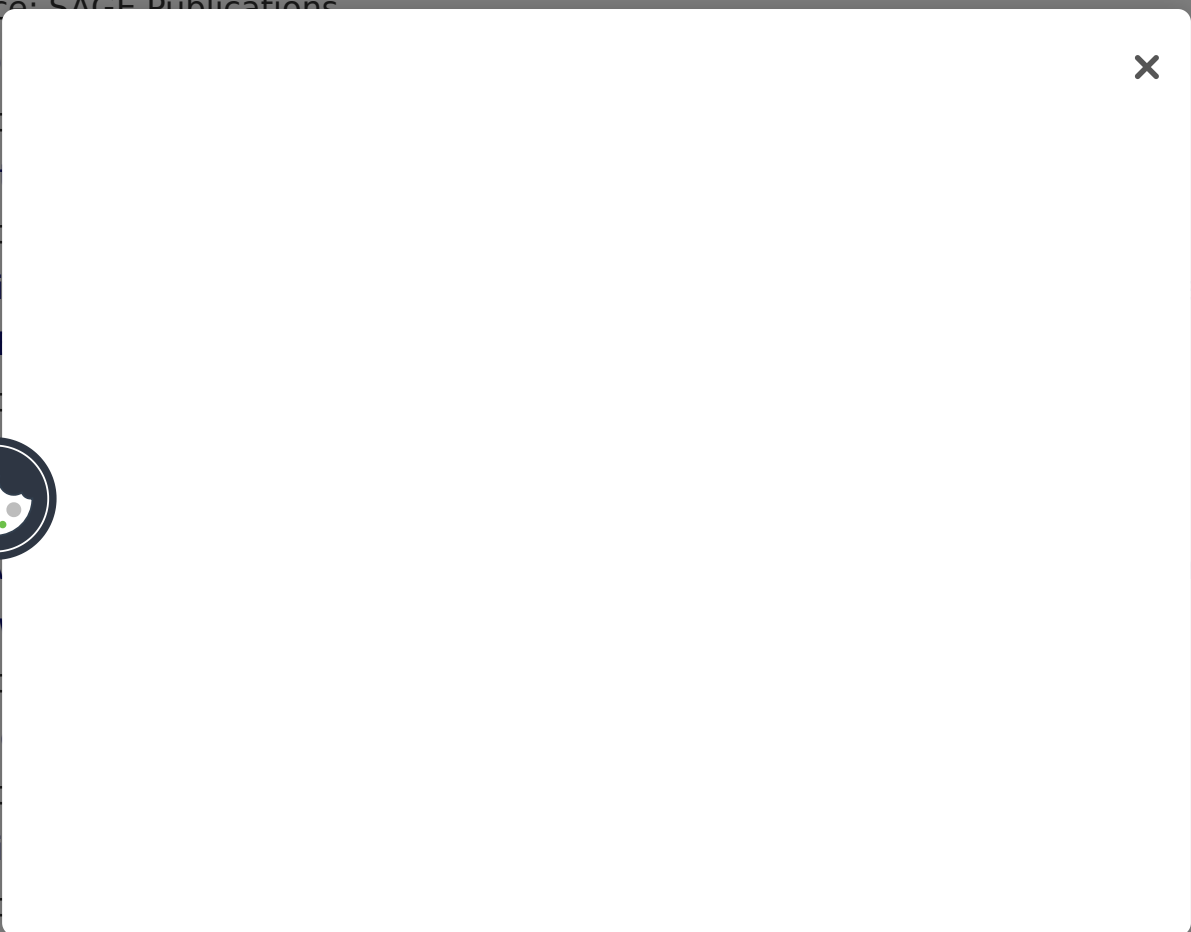
Source

Prom

Source

revisi

Source



Designing ergonomic interventions for EMS workers: concept generation of patient-handling devices.

Source: Elsevier BV

Manual Handling Injuries in Health Care Workers

Source: Informa UK Limited

Applications of Structural Equation Modeling in Psychological Research

Source: Annual Reviews

Reduction of injuries associated with patient handling.

Source: SAGE Publications

Extending the technology acceptance model with task-technology fit constructs

Source: Elsevier BV

Perceived usefulness, perceived ease of use, and user acceptance of information technology

Source: JSTOR

The role of the idea champion in innovation: The case of the Internet in the mid-1990s

Source: Elsevier BV

Development of an Instrument to Measure the Perceptions of Adopting an Information Technology Innovation

Source: Institute for Operations Research and the Management Sciences (INFORMS)

Implementation and adoption of mechanical patient lift equipment in the hospital setting: The importance of organizational and cultural factors†

Source: Wiley

Reduction in injury rates in nursing personnel through introduction of mechanical lifts in the

Source

Redu

Source

Stand

Source

The e

di

S

The p

Source

The I

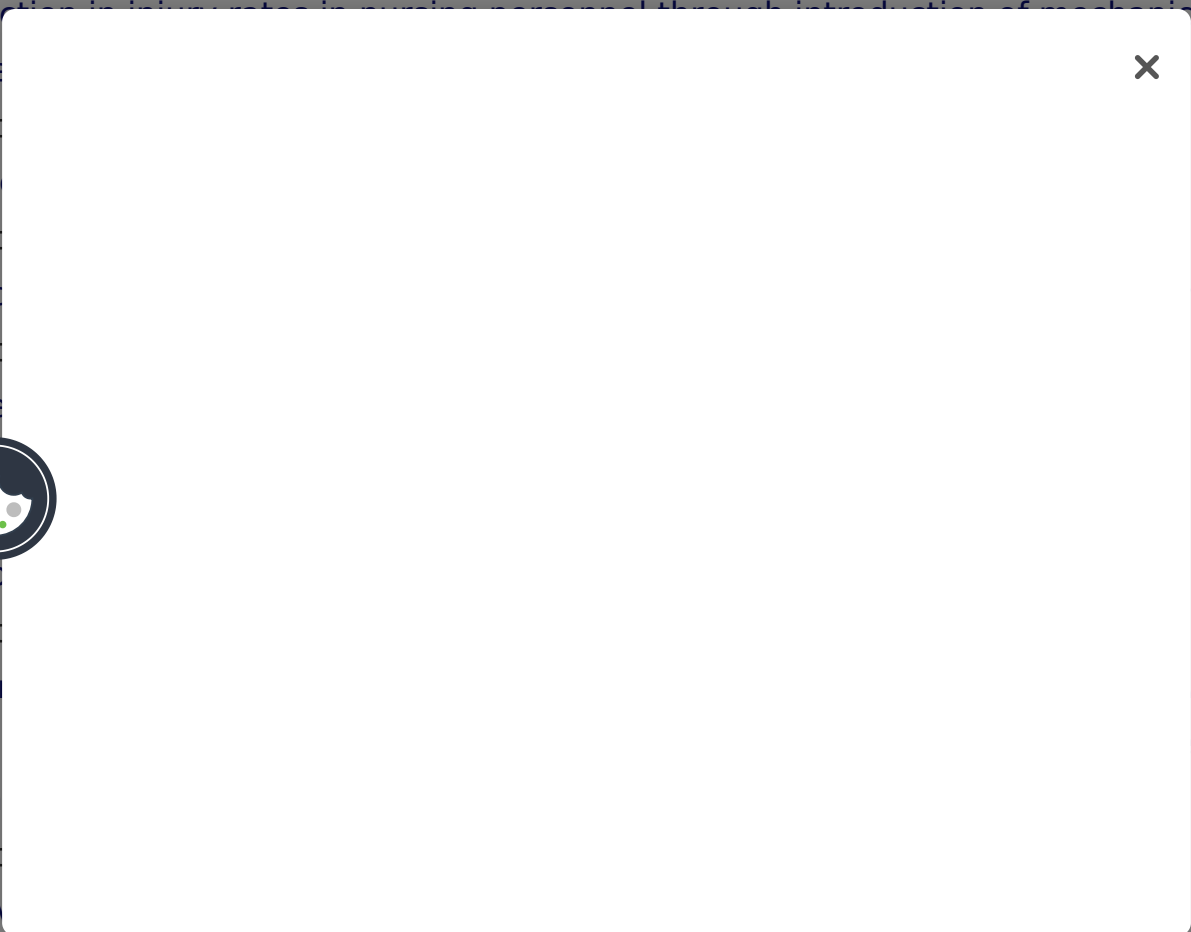
From

Team

Source


An O

Source: Informa UK Limited



Objective measures of adoption of patient lift and transfer devices to reduce nursing staff injuries in the hospital setting.

Source: Wiley

Linking provided by  ScholarSplorer

## Related research

People also read

Recommended articles

Cited by  
16



Information for

- Authors
- R&D professionals
- Editors
- Librarians
- Societies

Opportunities

- Reprints and e-prints
- Advertising solutions
- Accelerated publication
- Corporate access solutions

Open access

- Overview
- Open journals
- Open Select
- Dove Medical Press
- F1000Research

Help and information

- Help and contact
- Newsroom
- All journals
- Books

Keep up to date

Register to receive personalised research and resources by email

 Sign me up



Copyright

Accessib

Registered  
5 Howick Pl

or & Francis Group  
orma business

